

# Selection Guide

## Tough- & Standard Fahrzeugmonitore

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37 Artikel aus dem Bereich  
Tough- & Standard Fahrzeugmonitore  
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7" DeltaToughMon Type 1



7" DeltaToughMon Type 2



7" DeltaToughMon Type 3

| LCD Size                | 7"                                                | 7"                                                | 7"                                                |
|-------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Active Area             | -                                                 | -                                                 | -                                                 |
| Aspect Ratio            | 16:9                                              | 16:9                                              | 16:9                                              |
| Display Backlight       | LED Backlight                                     | LED Backlight                                     | LED Backlight                                     |
| Display Resolution      | WSVGA (1.024x600)                                 | WSVGA (1.024x600)                                 | WSVGA (1.024x600)                                 |
| Display Colors          | -                                                 | -                                                 | -                                                 |
| Brightness              | 600 cd/m²                                         | 1.000 cd/m²                                       | 1.000 cd/m²                                       |
| Contrast Ratio          | 700:1                                             | 700:1                                             | 700:1                                             |
| Response Time           | 10 / 15 ms (Tr / Tf)                              | 10 / 15 ms (Tr / Tf)                              | 10 / 15 ms (Tr / Tf)                              |
| Viewing Angle           | 150° / 145° (H / V)                               | 150° / 145° (H / V)                               | 150° / 145° (H / V)                               |
| Anti Reflection Glass   | x                                                 | x                                                 | x                                                 |
| Sunlight Readable       | -                                                 | x                                                 | x                                                 |
| Gapless Optical Bonding | -                                                 | -                                                 | -                                                 |
| MTBF                    | 55.000 hours                                      | 55.000 hours                                      | 55.000 hours                                      |
| TouchScreen             | Projected Capacitive Multi-Touch                  | Projected Capacitive Multi-Touch                  | Projected Capacitive Multi-Touch                  |
| Cooling System          | -                                                 | -                                                 | -                                                 |
| Mounting System         | 50 x 50 mm VESA, Copper Monitor Stand incl. Stand | 50 x 50 mm VESA, Copper Monitor Stand incl. Stand | 50 x 50 mm VESA, Copper Monitor Stand incl. Stand |
| Graphic Interface       | VGA/CRT, DVI, HDMI                                | VGA/CRT, DVI, HDMI                                | VGA/CRT, DVI, HDMI                                |
| Interface COM           | -                                                 | -                                                 | -                                                 |
| Interface USB           | USB-Touch USB                                     | USB-Touch USB                                     | USB-Touch USB                                     |
| Camera                  | -                                                 | -                                                 | -                                                 |
| Video Input             | -                                                 | -                                                 | -                                                 |
| Reverse camera input    | -                                                 | -                                                 | -                                                 |
| Audio                   | -                                                 | -                                                 | -                                                 |
| Speakers                | -                                                 | -                                                 | -                                                 |
| Input Voltage Nominal   | 12VDC                                             | 12VDC                                             | 12VDC                                             |
| Input Voltage Min/Max   | 10 to 35VDC                                       | 10 to 35VDC                                       | 10 to 35VDC                                       |
| Input Current           | < 10W                                             | < 10W                                             | < 10W                                             |
| Operating Temperature   | -20°C to 70°C                                     | -20°C to 70°C                                     | -20°C to 70°C                                     |
| Storage Temperature     | -30°C to 80°C                                     | -30°C to 80°C                                     | -30°C to 80°C                                     |
| Relative Humidity       | -                                                 | -                                                 | -                                                 |
| Protection              | -                                                 | -                                                 | IK08 Impact Protection                            |
| Certification           | CE, e13 (Vehicle), FCC, RoHs                      | CE, e13 (Vehicle), FCC, RoHs                      | CE, e13 (Vehicle), FCC, RoHs                      |
| Dimensions              | 196 x 121,5 x 35 mm (W x H x D)                   | 196 x 121,5 x 35 mm (W x H x D)                   | 196 x 121,5 x 35 mm (W x H x D)                   |
| Weight                  | 0,7 Kg                                            | 0,7 Kg                                            | 0,7 Kg                                            |
| Material                | -                                                 | -                                                 | -                                                 |
| Typ. Application        | Industrial, Automotive, Digital Signage           | Industrial, Automotive, Digital Signage           | Industrial, Automotive, Digital Signage           |

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## Selection Guide Tough- & Standard Fahrzeugmonitore



7" DeltaToughMon Type 1



7" DeltaToughMon Type 2



7" DeltaToughMon Type 3

|                    |                                                                                                                 |                                                                                                                   |                                                                                                                                             |
|--------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Bestellinformation | Artikel-Nr. DMTX3000<br>7" DeltaToughMon Type 1, 1.024x600 w/ PCT,<br>LCD Monitor, 600cd/m², VGA, DVI, HDMI, AV | Artikel-Nr. DMTX3001<br>7" DeltaToughMon Type 2, 1.024x600 w/ PCT,<br>LCD Monitor, 1.000cd/m², VGA, DVI, HDMI, AV | Artikel-Nr. DMTX3002<br>7" DeltaToughMon Type 3, 1.024x600 w/ PCT,<br>Optical Bonding, LCD Monitor, 1.000cd/m², VGA,<br>DVI, HDMI, AV, IK08 |
|--------------------|-----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|

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7" DeltaToughMon Type 4



7" DeltaToughMon Type 5



7" DeltaToughMon Type 6

| LCD Size                | 7"                                                       | 7"                                              | 7"                                                                |
|-------------------------|----------------------------------------------------------|-------------------------------------------------|-------------------------------------------------------------------|
| Active Area             | -                                                        | -                                               | -                                                                 |
| Aspect Ratio            | 16:9                                                     | 16:9                                            | 16:9                                                              |
| Display Backlight       | LED Backlight                                            | LED Backlight                                   | LED Backlight                                                     |
| Display Resolution      | WSVGA (1.024x600)                                        | WSVGA (1.024x600)                               | WSVGA (1.024x600)                                                 |
| Display Colors          | -                                                        | -                                               | -                                                                 |
| Brightness              | 1.000 cd/m²                                              | 600 cd/m²                                       | 600 cd/m²                                                         |
| Contrast Ratio          | 700:1                                                    | 700:1                                           | 700:1                                                             |
| Response Time           | 10 / 15 ms (Tr / Tf)                                     | 10/15 ms (Tr/Tf)                                | 10 / 15 ms (Tr / Tf)                                              |
| Viewing Angle           | 150° / 145° (H / V)                                      | 150/145 (H/V)                                   | 150° / 145° (H / V)                                               |
| Anti Reflection Glass   | x                                                        | -                                               | -                                                                 |
| Sunlight Readable       | x                                                        | x                                               | -                                                                 |
| Gapless Optical Bonding | -                                                        | -                                               | -                                                                 |
| MTBF                    | 55.000 hours                                             | 55.000 hours                                    | 55.000 hours                                                      |
| TouchScreen             | -                                                        | -                                               | Projected Capacitive Multi-Touch                                  |
| Cooling System          | -                                                        | -                                               | -                                                                 |
| Mounting System         | 50 x 50 mm VESA, Optional Stand                          | 50x50 mm VESA, Copper Monitor Stand incl. Stand | 50x50mm VESA, Copper Monitor Stand incl. Stand                    |
| Graphic Interface       | VGA/CRT, DVI, HDMI                                       | VGA/CRT, DVI, HDMI                              | VGA/CRT, DVI Input through included DVI to HDMI Adaptor DVI, HDMI |
| Interface COM           | -                                                        | -                                               | -                                                                 |
| Interface USB           | USB-Touch USB                                            | -                                               | USB-Touch USB                                                     |
| Camera                  | -                                                        | -                                               | -                                                                 |
| Video Input             | -                                                        | -                                               | -                                                                 |
| Reverse camera input    | -                                                        | -                                               | -                                                                 |
| Audio                   | -                                                        | 3x Audio In                                     | 3x Audio In                                                       |
| Speakers                | -                                                        | built-In Speakers                               | built-In Speakers                                                 |
| Input Voltage Nominal   | 12VDC                                                    | 12VDC                                           | 12VDC                                                             |
| Input Voltage Min/Max   | 10 to 35VDC                                              | 10 to 35VDC                                     | 10 to 35VDC                                                       |
| Input Current           | < 20W                                                    | < 10W                                           | < 10W                                                             |
| Operating Temperature   | -20°C to 70°C                                            | -20°C to 70°C                                   | -20°C to 70°C                                                     |
| Storage Temperature     | -30°C to 80°C                                            | -30°C to 80°C                                   | -30°C to 80°C                                                     |
| Relative Humidity       | -                                                        | -                                               | -                                                                 |
| Protection              | Full IP65                                                | -                                               | -                                                                 |
| Certification           | CE, e13 (Vehicle), FCC, RoHS                             | CE, e13 (Vehicle), FCC, RoHS                    | CE, e13 (Vehicle), FCC, RoHS                                      |
| Dimensions              | 205,2 x 139,5 x 28,7 mm (W x H x D)                      | 196 x 121,5 x 35 mm (W x H x D)                 | 196 x 121,5 x 35 mm (W x H x D)                                   |
| Weight                  | 1,2 Kg                                                   | 0,7 kg                                          | 0,7 kg                                                            |
| Material                | Aluminum Casing                                          | -                                               | -                                                                 |
| Typ. Application        | Industrial, Automotive, Marine, Digital Signage, Outdoor | Industrial, Automotive                          | Industrial, Automotive                                            |

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7" DeltaToughMon Type 4



7" DeltaToughMon Type 5



7" DeltaToughMon Type 6

|                    |                                                                                                                            |                                                                                                                       |                                                                                                                     |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Bestellinformation | Artikel-Nr. DMTX3003<br>7" DeltaToughMon Type 4, 1.024x600 w/ PCT & Full IP65, LCD Monitor, 1.000cd/m², VGA, DVI, HDMI, AV | Artikel-Nr. DMTX3004<br>7" DeltaToughMon Type 5, 1.024x600 w/o TouchScreen, LCD Monitor, 600cd/m², VGA, DVI, HDMI, AV | Artikel-Nr. DMTX3005<br>7" DeltaToughMon Type 6, 1.024x600 w/ TouchScreen, LCD Monitor, 600cd/m², VGA, DVI,HDMI, AV |
|--------------------|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|

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7" DeltaToughMon Type 7



7" DeltaToughMon Type 8



8" DeltaToughMon Type 1

| LCD Size                | 7"                                    | 7"                                                | 8"                                                                 |
|-------------------------|---------------------------------------|---------------------------------------------------|--------------------------------------------------------------------|
| Active Area             |                                       |                                                   |                                                                    |
| Aspect Ratio            | 16:9                                  | 16:9                                              | 4:3                                                                |
| Display Backlight       | LED Backlight                         | LED Backlight                                     | LED Backlight                                                      |
| Display Resolution      | SVGA (800x600)                        | WVGA (800x480)                                    | SVGA (800x600)                                                     |
| Display Colors          |                                       |                                                   |                                                                    |
| Brightness              | 500 cd/m²                             | 500cd/m²                                          | 400cd/m²                                                           |
| Contrast Ratio          | 400:1                                 | 400:1                                             | 500:1                                                              |
| Response Time           | 10 / 15 ms (Tr / Tf)                  | 10 / 15 ms (Tr / Tf)                              | 10 / 15 ms (Tr / Tf)                                               |
| Viewing Angle           | 140° / 120° (H / V)                   | 140° / 120° (H / V)                               | 140° / 120° (H / V)                                                |
| Anti Reflection Glass   |                                       | x                                                 | x                                                                  |
| Sunlight Readable       |                                       |                                                   |                                                                    |
| Gapless Optical Bonding |                                       |                                                   |                                                                    |
| MTBF                    | 55.000 hours                          | 55.000 hours                                      | 55.000 hours                                                       |
| TouchScreen             |                                       | Projected Capacitive Multi-Touch                  |                                                                    |
| Cooling System          |                                       |                                                   |                                                                    |
| Mounting System         | 360° Copper Monitor Stand Stand       | 360° Copper Monitor Stand Stand                   | 75mm x 75mm VESA, 360° Copper Monitor Stand or U-Shape Mount Stand |
| Graphic Interface       | VGA/CRT, S-Video                      | VGA/CRT, S-Video                                  | VGA/CRT                                                            |
| Interface COM           |                                       |                                                   |                                                                    |
| Interface USB           | -                                     | USB                                               | -                                                                  |
| Camera                  |                                       |                                                   |                                                                    |
| Video Input             |                                       |                                                   |                                                                    |
| Reverse camera input    |                                       |                                                   |                                                                    |
| Audio                   | 3x Audio In                           | 3x Audio In                                       | 3x Audio In                                                        |
| Speakers                | built-In Speakers                     | built-In Speakers                                 | built-In Speakers                                                  |
| Input Voltage Nominal   | 12VDC                                 | 12VDC                                             | 12VDC                                                              |
| Input Voltage Min/Max   | 9 to 30VDC                            | 9 to 30VDC                                        | 9 to 36VDC                                                         |
| Input Current           | < 5W                                  | < 5W                                              | < 14W                                                              |
| Operating Temperature   | -20°C to 70°C                         | -20°C to 70°C                                     | -20°C to 70°C                                                      |
| Storage Temperature     | -30°C to 80°C                         | -30°C to 80°C                                     | -30°C to 80°C                                                      |
| Relative Humidity       |                                       |                                                   |                                                                    |
| Protection              |                                       |                                                   |                                                                    |
| Certification           | CE, e13 (Vehicle), FCC, RoHs          | CE, e1 (Vehicle), MIL-STD-810F, MIL-STD-810G, FCC | CE, e13 (Vehicle), FCC, RoHs                                       |
| Dimensions              | 193,97 x 123,97 x 30,5 mm (W x H x D) | 193,97 x 123,97 x 30,5 mm (W x H x D)             | 228x 164x 36 mm (W x H x D)                                        |
| Weight                  | 0,5 kg                                | 0,5 kg                                            | 1,2 Kg                                                             |
| Material                |                                       |                                                   | Ruggedized Aluminum Casing                                         |
| Typ. Application        | Industrial, Automotive                | Industrial, Automotive                            | Industrial, Automotive                                             |

## Selection Guide Tough- & Standard Fahrzeugmonitore



7" DeltaToughMon Type 7



7" DeltaToughMon Type 8



8" DeltaToughMon Type 1

### Bestellinformation

Artikel-Nr. DMTX3006

7" DeltaToughMon Type 7, 800x480 w/o  
TouchScreen, LCD Monitor, 500cd/m², VGA, AV,  
AG-Coating

Artikel-Nr. DMTX3007

7" DeltaToughMon Type 8, 800x480 w/  
TouchScreen, LCD Monitor, 500cd/m², VGA, AV,  
AG-Coating

Artikel-Nr. DMTX3020

8" DeltaToughMon Type 1, 800x600 w/o  
TouchScreen, LCD Monitor, 400cd/m², VGA, AV,  
AG-Coating

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8" DeltaToughMon Type 2



8" DeltaToughMon Type 3



8" DeltaToughMon Type 4

| LCD Size                | 8"                                                   | 8"                                                                   | 8"                                                                   |
|-------------------------|------------------------------------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------|
| Active Area             |                                                      |                                                                      |                                                                      |
| Aspect Ratio            | 4:3                                                  | 4:3                                                                  | 4:3                                                                  |
| Display Backlight       | LED Backlight                                        | LED Backlight                                                        | LED Backlight                                                        |
| Display Resolution      | SVGA (800x600)                                       | SVGA (800x600)                                                       | SVGA (800x600)                                                       |
| Display Colors          |                                                      |                                                                      |                                                                      |
| Brightness              | 400cd/m²                                             | 1.000cd/m²                                                           | 1.000cd/m²                                                           |
| Contrast Ratio          | 500:1                                                | 500:1                                                                | 500:1                                                                |
| Response Time           | 10 / 15 ms (Tr / Tf)                                 | 10 / 15 ms (Tr / Tf)                                                 | 10 / 15 ms (Tr / Tf)                                                 |
| Viewing Angle           | 140° / 120° (H / V)                                  | 140° / 120° (H / V)                                                  | 140° / 120° (H / V)                                                  |
| Anti Reflection Glass   | x                                                    | x                                                                    | x                                                                    |
| Sunlight Readable       |                                                      |                                                                      |                                                                      |
| Gapless Optical Bonding |                                                      |                                                                      |                                                                      |
| MTBF                    | 55.000 hours                                         | 55.000 hours                                                         | 55.000 hours                                                         |
| TouchScreen             | 5-Wire Resistive Touch                               | 5-Wire Resistive Touch                                               | Touch Interface                                                      |
| Cooling System          |                                                      |                                                                      |                                                                      |
| Mounting System         | 75mm x 75mm VESA, 360° Copper Monitor Stand<br>Stand | 75mm x 75mm VESA, 360° Copper Monitor Stand<br>Stand                 | 75mm x 75mm VESA, 360° Copper Monitor Stand<br>Stand                 |
| Graphic Interface       | VGA/CRT                                              | VGA/CRT, DVI Input through included DVI to<br>HDMI Adaptor DVI, HDMI | VGA/CRT, DVI Input through included DVI to<br>HDMI Adaptor DVI, HDMI |
| Interface COM           |                                                      |                                                                      |                                                                      |
| Interface USB           | USB                                                  | USB                                                                  | USB                                                                  |
| Camera                  |                                                      |                                                                      |                                                                      |
| Video Input             |                                                      |                                                                      |                                                                      |
| Reverse camera input    |                                                      |                                                                      |                                                                      |
| Audio                   | 3x Audio In                                          | 3x Audio In                                                          | 3x Audio In                                                          |
| Speakers                | built-In Speakers                                    | built-In Speakers                                                    | built-In Speakers                                                    |
| Input Voltage Nominal   | 12VDC                                                | 12VDC                                                                | 12VDC                                                                |
| Input Voltage Min/Max   | 9 to 36VDC                                           | 9 to 36VDC                                                           | 9 to 36VDC                                                           |
| Input Current           | < 14W                                                | < 14W                                                                | < 14W                                                                |
| Operating Temperature   | -20°C to 70°C                                        | -20°C to 70°C                                                        | -20°C to 70°C                                                        |
| Storage Temperature     | -30°C to 80°C                                        | -30°C to 80°C                                                        | -30°C to 80°C                                                        |
| Relative Humidity       |                                                      |                                                                      |                                                                      |
| Protection              |                                                      |                                                                      |                                                                      |
| Certification           | CE, e13 (Vehicle), FCC, RoHs                         | CE, e13 (Vehicle), FCC, RoHs                                         | CE, e13 (Vehicle), FCC, RoHs                                         |
| Dimensions              | 228x 164x 36 mm (W x H x D)                          | 228x 164x 36 mm (W x H x D)                                          | 228x 164x 36 mm (W x H x D)                                          |
| Weight                  | 1,2 Kg                                               | 1,2 Kg                                                               | 1,2 Kg                                                               |
| Material                | Ruggedized Aluminum Casing                           | Ruggedized Aluminum Casing                                           | Ruggedized Aluminum Casing                                           |
| Typ. Application        | Industrial, Automotive                               | Industrial, Automotive                                               | Industrial, Automotive                                               |

## Selection Guide Tough- & Standard Fahrzeugmonitore



8" DeltaToughMon Type 2



8" DeltaToughMon Type 3



8" DeltaToughMon Type 4

### Bestellinformation

Artikel-Nr. DMTX3021

8" DeltaToughMon Type 2, 800x600 w/  
TouchScreen, LCD Monitor, 400cd/m<sup>2</sup>, VGA, AV,  
AG-Coating

Artikel-Nr. DMTX3022

8" DeltaToughMon Type 3, 800x600 w/ GFG-TS  
,SR, LCD Monitor, 1.000cd/m<sup>2</sup>, VGA, DVI, HDMI,  
AV

Artikel-Nr. DMTX3023

8" DeltaToughMon Type 4, 800x600 w/o  
T.Screen,SR, LCD Monitor, 1.000cd/m<sup>2</sup>, VGA, DVI,  
HDMI, AV

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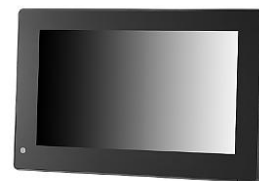
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8" DeltaToughMon Type 5



8" DeltaToughMon Type 6



8" DeltaToughMon Type 7

| LCD Size                | 8"                                          | 8"                                          | 8"                                                                  |
|-------------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------------------------------|
| Active Area             |                                             |                                             |                                                                     |
| Aspect Ratio            | 4:3                                         | 4:3                                         | 4:3                                                                 |
| Display Backlight       | LED Backlight                               | LED Backlight                               | LED Backlight                                                       |
| Display Resolution      | SVGA (800x600)                              | SVGA (800x600)                              | 720p (1.280x720)                                                    |
| Display Colors          |                                             |                                             |                                                                     |
| Brightness              | 400cd/m²                                    | 400cd/m²                                    | 1.000cd/m²                                                          |
| Contrast Ratio          | 500:1                                       | 500:1                                       | 1.000:1                                                             |
| Response Time           | 10 / 15 ms (Tr / Tf)                        | 10 / 15 ms (Tr / Tf)                        | 15 / 10 ms (Tr / Tf)                                                |
| Viewing Angle           | 140° / 120° (H / V)                         | 140° / 120° (H / V)                         | 170° / 170° (H / V)                                                 |
| Anti Reflection Glass   | x                                           | x                                           | x                                                                   |
| Sunlight Readable       |                                             |                                             | x                                                                   |
| Gapless Optical Bonding |                                             |                                             | x                                                                   |
| MTBF                    | 55.000 hours                                | 55.000 hours                                | 55.000 hours                                                        |
| TouchScreen             | 5-Wire Resistive TouchScreen                | TouchScreen Interface                       | 5-Wire Resistive Touchscreen                                        |
| Cooling System          |                                             |                                             |                                                                     |
| Mounting System         | 75mm x 75mm VESA, 360° Copper Monitor Stand | 75mm x 75mm VESA, 360° Copper Monitor Stand | Panel Mountable with included hardware Wall Mount, 75mm x 75mm VESA |
| Graphic Interface       | VGA/CRT                                     | VGA/CRT                                     | DVI Input through included DVI to HDMI Adaptor<br>DVI, 2x HDMI      |
| Interface COM           |                                             |                                             |                                                                     |
| Interface USB           | USB                                         | USB                                         | USB, USB 3.0                                                        |
| Camera                  |                                             |                                             |                                                                     |
| Video Input             |                                             |                                             | x                                                                   |
| Reverse camera input    |                                             |                                             |                                                                     |
| Audio                   | 3x Audio In                                 | 3x Audio In                                 | 3x Audio In                                                         |
| Speakers                | built-In Speakers                           | built-In Speakers                           | built-In Speakers                                                   |
| Input Voltage Nominal   | 12VDC                                       | 12VDC                                       | 12VDC                                                               |
| Input Voltage Min/Max   | 9 to 36VDC                                  | 9 to 36VDC                                  | 9 to 36VDC                                                          |
| Input Current           | < 14W                                       | < 14W                                       | < 20W                                                               |
| Operating Temperature   | -20°C to 70°C                               | -20°C to 70°C                               | -35°C to 85°C                                                       |
| Storage Temperature     | -30°C to 80°C                               | -30°C to 80°C                               | -40°C to 90°C                                                       |
| Relative Humidity       |                                             |                                             |                                                                     |
| Protection              |                                             |                                             |                                                                     |
| Certification           | CE, e13 (Vehicle), FCC, RoHs                | CE, e13 (Vehicle), FCC, RoHs                | CE, e13 (Vehicle), FCC, RoHs                                        |
| Dimensions              | 200 x 163 x 36,5 mm (W x H x D)             | 200 x 163 x 36,5 mm (W x H x D)             | 220,7 x 142,7 x 33 mm (W x H x D)                                   |
| Weight                  | 0,8 Kg                                      | 0,85 Kg                                     | 0,86 Kg                                                             |
| Material                |                                             |                                             |                                                                     |
| Typ. Application        | Industrial, Automotive                      | Industrial, Automotive                      | Industrial, Automotive                                              |

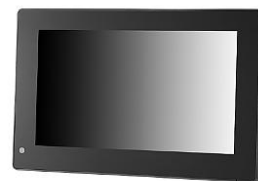
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8" DeltaToughMon Type 5



8" DeltaToughMon Type 6



8" DeltaToughMon Type 7

### Bestellinformation

Artikel-Nr. DMTX3024

8" DeltaToughMon Type 5, 800x600 w/  
TouchScreen, LCD Monitor, 400cd/m<sup>2</sup>, VGA, AV,  
AG-Coating

Artikel-Nr. DMTX3025

8" DeltaToughMon Type 6, 800x600 w/o  
TouchScreen, LCD Monitor, 400cd/m<sup>2</sup>, VGA, AV,  
AG-Coating

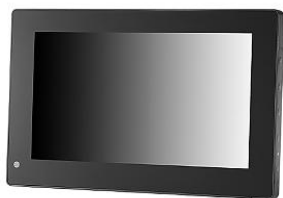
Artikel-Nr. DMTX3026

8" DeltaToughMon Type 7, 1.280x720 w/ PCT,  
IP65, SR, LCD Monitor, 1.000cd/m<sup>2</sup>, HDMI, USB-C,  
DVI, Opt.Bond

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## Selection Guide Tough- & Standard Fahrzeugmonitore



8" DeltaToughMon Type 8



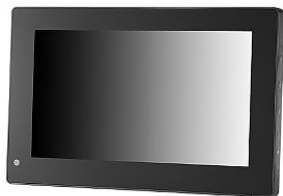
10,1" DeltaToughMon Type 1



10,1" DeltaToughMon Type 2

| LCD Size                | 8"                                                                  | 10,1"                                            | 10,1"                                                             |
|-------------------------|---------------------------------------------------------------------|--------------------------------------------------|-------------------------------------------------------------------|
| Active Area             | -                                                                   | -                                                | -                                                                 |
| Aspect Ratio            | 4:3                                                                 | 16:9                                             | 16:9                                                              |
| Display Backlight       | LED Backlight                                                       | LED Backlight                                    | LED Backlight                                                     |
| Display Resolution      | 720p (1.280x720)                                                    | WXGA (1.280x800)                                 | WSVGA (1.024x600)                                                 |
| Display Colors          | -                                                                   | -                                                | -                                                                 |
| Brightness              | 1.000cd/m²                                                          | 400 cd/m²                                        | 400 cd/m²                                                         |
| Contrast Ratio          | 1.000:1                                                             | 600:1                                            | 600:1                                                             |
| Response Time           | 15 / 10 ms (Tr / Tf)                                                | 5ms / 20 ms (Tr / Tf)                            | 5ms / 20 ms (Tr / Tf)                                             |
| Viewing Angle           | 170° / 170° (H / V)                                                 | 140° / 120° (H / V)                              | 140° / 120° (H / V)                                               |
| Anti Reflection Glass   | x                                                                   | x                                                | x                                                                 |
| Sunlight Readable       | x                                                                   | -                                                | -                                                                 |
| Gapless Optical Bonding | x                                                                   | -                                                | -                                                                 |
| MTBF                    | 55.000 hours                                                        | 55.000 hours                                     | 55.000 hours                                                      |
| TouchScreen             | 5-Wire Resistive Touchscreen                                        | -                                                | -                                                                 |
| Cooling System          | -                                                                   | -                                                | -                                                                 |
| Mounting System         | Panel Mountable with included hardware Wall Mount, 75mm x 75mm VESA | 75 x 75 mm VESA, Stand                           | 75 x 75 mm VESA, 360° Copper Monitor Stand or U-Shape Mount Stand |
| Graphic Interface       | DVI Input through included DVI to HDMI Adaptor DVI, 2x HDMI         | VGA/CRT, DVI, HDMI                               | VGA/CRT, DVI Input through included DVI to HDMI Adaptor DVI, HDMI |
| Interface COM           | -                                                                   | -                                                | -                                                                 |
| Interface USB           | USB, USB 3.0                                                        | -                                                | USB                                                               |
| Camera                  | -                                                                   | -                                                | -                                                                 |
| Video Input             | x                                                                   | -                                                | -                                                                 |
| Reverse camera input    | -                                                                   | -                                                | -                                                                 |
| Audio                   | 3x Audio In                                                         | 3x Audio In                                      | 3x Audio In                                                       |
| Speakers                | built-In Speakers                                                   | built-In Speakers                                | built-In Speakers                                                 |
| Input Voltage Nominal   | 12VDC                                                               | 12VDC                                            | 12VDC                                                             |
| Input Voltage Min/Max   | 9 to 36VDC                                                          | 9 to 36VDC                                       | 9 to 36VDC                                                        |
| Input Current           | < 20W                                                               | 20W                                              | < 20W                                                             |
| Operating Temperature   | -35°C to 85°C                                                       | -20°C to 70°C                                    | -20°C to 70°C                                                     |
| Storage Temperature     | -40°C to 90°C                                                       | -30°C to 80°C                                    | -30°C to 80°C                                                     |
| Relative Humidity       | -                                                                   | -                                                | -                                                                 |
| Protection              | -                                                                   | -                                                | -                                                                 |
| Certification           | CE, e13 (Vehicle), FCC, RoHs                                        | CE, e13 (Vehicle), FCC, RoHs                     | CE, e13 (Vehicle), FCC, RoHs                                      |
| Dimensions              | 220,7 x 142,7 x 33 mm (W x H x D)                                   | 265 x 186 x 33,2 mm (W x H x D)                  | 265 x 186 x 33,2 mm (W x H x D)                                   |
| Weight                  | 0,86 Kg                                                             | 1,45 Kg                                          | 1,5 Kg                                                            |
| Material                | -                                                                   | Ruggedized Aluminum casing                       | Ruggedized Aluminum casing                                        |
| Typ. Application        | Industrial, Automotive                                              | Industrial, Automotive, Digital Signage, Outdoor | Industrial, Automotive, Digital Signage, Outdoor                  |

## Selection Guide Tough- & Standard Fahrzeugmonitore



8" DeltaToughMon Type 8



10,1" DeltaToughMon Type 1



10,1" DeltaToughMon Type 2

### Bestellinformation

Artikel-Nr. DMTX3027  
8" DeltaToughMon Type 8, 1.280x720 w/ PCT,  
IP65,SR, LCD Monitor, 1.000cd/m<sup>2</sup>, HDMI, DVI,  
AR/AF-Coating

Artikel-Nr. DMTX3060  
10,1" DeltaToughMon Type 1 WXGA w/o  
TouchScreen, LCD Monitor Alu-Housing,  
400cd/m<sup>2</sup>, HDMI/DVI, VGA, AV

Artikel-Nr. DMTX3061  
10,1" DeltaToughMon Type 2, 1.024x600, w/  
TouchScr, LCD Monitor Alu-Gehäuse,  
400cd/m<sup>2</sup>,HDMI/DVI,VGA,AV

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## Selection Guide Tough- & Standard Fahrzeugmonitore



10,1" DeltaToughMon Type 3



10,1" DeltaToughMon Type 4



10,1" DeltaToughMon Type 5

|                         |                                                                                |                                                                                       |                                                                                                                                 |
|-------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| LCD Size                | 10,1"                                                                          | 10,1"                                                                                 | 10,1"                                                                                                                           |
| Active Area             | -                                                                              | -                                                                                     | -                                                                                                                               |
| Aspect Ratio            | 16:9                                                                           | 16:9                                                                                  | 16:9                                                                                                                            |
| Display Backlight       | LED Backlight                                                                  | LED Backlight                                                                         | LED Backlight                                                                                                                   |
| Display Resolution      | WXGA (1.280x800)                                                               | WXGA (1.280x800)                                                                      | WXGA (1.280x800)                                                                                                                |
| Display Colors          | -                                                                              | -                                                                                     | -                                                                                                                               |
| Brightness              | 1.200 cd/m²                                                                    | 1.200 cd/m²                                                                           | 1.200 cd/m²                                                                                                                     |
| Contrast Ratio          | 800:1                                                                          | 800:1                                                                                 | 800:1                                                                                                                           |
| Response Time           | 10ms / 15 ms (Tr / Tf)                                                         | 10ms / 15 ms (Tr / Tf)                                                                | 10ms / 15 ms (Tr / Tf)                                                                                                          |
| Viewing Angle           | 170° / 170° (H / V)                                                            | 170° / 170° (H / V)                                                                   | 170° / 170° (H / V)                                                                                                             |
| Anti Reflection Glass   | x                                                                              | x                                                                                     | x                                                                                                                               |
| Sunlight Readable       | x                                                                              | x                                                                                     | x                                                                                                                               |
| Gapless Optical Bonding | -                                                                              | -                                                                                     | -                                                                                                                               |
| MTBF                    | 55.000 hours                                                                   | 55.000 hours                                                                          | 55.000 hours                                                                                                                    |
| TouchScreen             | 5-Wire Resistive Touchscreen                                                   | -                                                                                     | -                                                                                                                               |
| Cooling System          | -                                                                              | -                                                                                     | -                                                                                                                               |
| Mounting System         | 75 x 75 mm VESA, 360° Copper Monitor Stand or U-Shape Mount Stand              | 75 x 75 mm VESA, 360° Copper Monitor Stand or U-Shape Mount Stand                     | Panel Mountable with Optional Panel Mount Bracket Wall Mount, 75 x 75 mm VESA, 360° Copper Monitor Stand or U-Shape Mount Stand |
| Graphic Interface       | VGA/CRT, DVI Video Signal Input through included DVI to HDMI Adaptor DVI, HDMI | VGA/CRT, DVI Input through included DVI to HDMI Adaptor DVI to HDMI Adaptor DVI, HDMI | VGA/CRT, DVI Input through included DVI to HDMI Adaptor DVI to HDMI Adaptor DVI, HDMI                                           |
| Interface COM           |                                                                                |                                                                                       |                                                                                                                                 |
| Interface USB           | USB                                                                            | USB                                                                                   | USB                                                                                                                             |
| Camera                  |                                                                                |                                                                                       |                                                                                                                                 |
| Video Input             |                                                                                |                                                                                       | 2x Video Input                                                                                                                  |
| Reverse camera input    |                                                                                |                                                                                       |                                                                                                                                 |
| Audio                   | 3x Audio In                                                                    | 3x Audio In                                                                           | 3x Audio In                                                                                                                     |
| Speakers                | built-In Speakers                                                              | built-In Speakers                                                                     | built-In Speakers                                                                                                               |
| Input Voltage Nominal   | 12VDC                                                                          | 12VDC                                                                                 | 12VDC                                                                                                                           |
| Input Voltage Min/Max   | 9 to 36VDC                                                                     | 9 to 36VDC                                                                            | 9 to 36VDC                                                                                                                      |
| Input Current           | < 20W                                                                          | < 20W                                                                                 | < 20W                                                                                                                           |
| Operating Temperature   | -20°C to 70°C                                                                  | -20°C to 70°C                                                                         | -20°C to 70°C                                                                                                                   |
| Storage Temperature     | -30°C to 80°C                                                                  | -30°C to 80°C                                                                         | -30°C to 80°C                                                                                                                   |
| Relative Humidity       | -                                                                              | -                                                                                     | -                                                                                                                               |
| Protection              | IEC 60068-2-64, IEC 60068-2-27                                                 | IEC 60068-2-64, IEC 60068-2-27                                                        | IK07 Impact Resistant, IP65 / NEMA4 Rated Water and Dust Resistance                                                             |
| Certification           | CE, e13 (Vehicle), FCC, RoHS                                                   | CE, e13 (Vehicle), FCC, RoHS                                                          | CE, e13 (Vehicle), FCC, RoHS                                                                                                    |
| Dimensions              | 265 x 186 x 33,2 mm (W x H x D)                                                | 265 x 186 x 33,2 mm (W x H x D)                                                       | 265 x 186 x 33,2 mm (W x H x D)                                                                                                 |
| Weight                  | 1,5 Kg                                                                         | 1,5 Kg                                                                                | 1,5 Kg                                                                                                                          |
| Material                | Ruggedized Aluminum casing                                                     | Ruggedized Aluminum casing                                                            | Ruggedized Aluminum casing                                                                                                      |
| Typ. Application        | Industrial, Automotive, Digital Signage, Outdoor                               | Industrial, Automotive, Digital Signage, Outdoor                                      | Industrial, Automotive, Digital Signage, Outdoor                                                                                |

## Selection Guide Tough- & Standard Fahrzeugmonitore



10,1" DeltaToughMon Type 3



10,1" DeltaToughMon Type 4



10,1" DeltaToughMon Type 5

### Bestellinformation

Artikel-Nr. DMTX3062  
10,1" DeltaToughMon Type 3, 1.280x800,  
w/TouScr,SR, LCD Monitor  
Alu-Gehäuse,1.200cd/m²,HDMI/DVI,VGA,AV

Artikel-Nr. DMTX3063  
10,1" DeltaToughMon Type 4, 1.280x800, w/o  
TouScr,SR, LCD Monitor Alu-Gehäuse,  
1.200cd/m², HDMI/DVI, VGA, AV

Artikel-Nr. DMTX3064  
10,1" DeltaToughMon Type 5, 1.280x800 w/ PCT,  
IP65,SR, LCD Monitor AluHou. 1.200cd/m²,  
HDMI/DVI, VGA, AV, IK08

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10,1" DeltaToughMon Type 6



10,4" DeltaToughMon Type 1



12,1" DeltaToughMon Type 2

| LCD Size                | 10,1"                                                                                                                                    | 10,4"                                                        | 12,1"                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Active Area             | -                                                                                                                                        | -                                                            | -                                                                                                                  |
| Aspect Ratio            | 16:9                                                                                                                                     | 4:3                                                          | 16:9                                                                                                               |
| Display Backlight       | LED Backlight                                                                                                                            | LED Backlight                                                | LED Backlight                                                                                                      |
| Display Resolution      | WXGA (1.280x800)                                                                                                                         | SVGA (800x600)                                               | WXGA (1.280x800)                                                                                                   |
| Display Colors          | -                                                                                                                                        | -                                                            | -                                                                                                                  |
| Brightness              | 1.200 cd/m²                                                                                                                              | 300 cd/m²                                                    | 1.000 cd/m²                                                                                                        |
| Contrast Ratio          | 800:1                                                                                                                                    | 500:1                                                        | 1.000:1                                                                                                            |
| Response Time           | 10ms / 15 ms (Tr / Tf)                                                                                                                   | 30 ms / 30 ms (Tr / Tf)                                      | 25ms / 25 ms (Tr / Tf)                                                                                             |
| Viewing Angle           | 170° / 170° (H / V)                                                                                                                      | 150° / 110° (H / V)                                          | 178° / 178° (H / V)                                                                                                |
| Anti Reflection Glass   | x                                                                                                                                        | x                                                            | x                                                                                                                  |
| Sunlight Readable       | x                                                                                                                                        |                                                              | x                                                                                                                  |
| Gapless Optical Bonding | x                                                                                                                                        |                                                              | x                                                                                                                  |
| MTBF                    | 55.000 hours                                                                                                                             | 55.000 hours                                                 | 55.000 hours                                                                                                       |
| TouchScreen             | Projected Capacitive Multi-Touch Touchscreen                                                                                             | 5-Wire Resistive Touchscreen                                 | Projected Capacitive Multi-Touch Touchscreen                                                                       |
| Cooling System          | -                                                                                                                                        | -                                                            | -                                                                                                                  |
| Mounting System         | Panel Mountable with Optional<br>Panel Mount Bracket Wall Mount, 75 x 75 mm<br>VESA, 360° Copper Monitor Stand or U-Shape<br>Mount Stand | 75 x 75 mm VESA, Removable Stand Stand                       | Panel Mountable with included hardware<br>Panel Mount Bracket Wall Mount, 75 x 75 mm<br>VESA                       |
| Graphic Interface       | VGA/CRT, DVI Input through included DVI to<br>HDMI Adaptor<br>DVI to HDMI Adaptor DVI, HDMI                                              | 1x VGA/CRT, 1x HDMI                                          | VGA/CRT, DVI Input through included DVI to<br>HDMI Adaptor<br>DVI to HDMI Adaptor DVI, 2x Input /1x Output<br>HDMI |
| Interface COM           |                                                                                                                                          |                                                              |                                                                                                                    |
| Interface USB           | USB                                                                                                                                      | -                                                            | USB                                                                                                                |
| Camera                  |                                                                                                                                          |                                                              |                                                                                                                    |
| Video Input             | 2x Video Input                                                                                                                           |                                                              | 2x Video Input                                                                                                     |
| Reverse camera input    |                                                                                                                                          |                                                              |                                                                                                                    |
| Audio                   | 3x Audio In                                                                                                                              |                                                              | 4x Audio In                                                                                                        |
| Speakers                | built-In waterproof Speakers                                                                                                             |                                                              | 4x built-In waterproof Speakers                                                                                    |
| Input Voltage Nominal   | 12VDC                                                                                                                                    | 12VDC                                                        | 12VDC                                                                                                              |
| Input Voltage Min/Max   | 9 to 36VDC                                                                                                                               |                                                              | 9 to 36VDC                                                                                                         |
| Input Current           | < 20W                                                                                                                                    | < 9W                                                         | < 30W                                                                                                              |
| Operating Temperature   | -20°C to 70°C                                                                                                                            | -0°C to 40°C                                                 | -30°C to 85°C                                                                                                      |
| Storage Temperature     | -30°C to 80°C                                                                                                                            | -10°C to 50°C                                                | -30°C to 85°C                                                                                                      |
| Relative Humidity       | -                                                                                                                                        | -                                                            | -                                                                                                                  |
| Protection              | IP67 / NEMA6P Rated Water and Dust, IK08<br>Impact Resistant                                                                             | IP54                                                         | IP67 / NEMA6P Rated Water and Dust, IK08<br>Impact Resistant                                                       |
| Certification           | CE, e13 (Vehicle), FCC, RoHs                                                                                                             | CE, e13 (Vehicle), FCC, RoHs                                 | CE, e13 (Vehicle), FCC, RoHs                                                                                       |
| Dimensions              | 265,7 x 178,2 x 33,2 mm (W x H x D)                                                                                                      | 248,9 x 192 x 29 mm (W x H x D)                              | 312 x 230 x 44,2 mm (W x H x D)                                                                                    |
| Weight                  | 1,7 Kg                                                                                                                                   | 1,4 Kg                                                       | 2,9 Kg                                                                                                             |
| Material                | Ruggedized Aluminum casing                                                                                                               |                                                              |                                                                                                                    |
| Typ. Application        | Industrial, Automotive, Digital Signage, Outdoor                                                                                         | Industrial, Automotive, Marine, Military, Digital<br>Signage | Industrial, Automotive, Digital Signage, Outdoor                                                                   |

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## Selection Guide Tough- & Standard Fahrzeugmonitore



10,1" DeltaToughMon Type 6



10,4" DeltaToughMon Type 1



12,1" DeltaToughMon Type 2

|                    |                                                                                                                                                             |                                                                                                                                          |                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bestellinformation | <p>Artikel-Nr. DMTX3065<br/>10,1" DeltaToughMon Type 6, 1.280x800 w/ PCT,<br/>IP67, Opt., LCD Monitor Alu-Hou., 1.200cd/m²,<br/>HDMI/DVI, VGA, AV, IK08</p> | <p>Artikel-Nr. DMTX3040<br/>10,4" DeltaToughMon Type 1, 800x600 w/<br/>TouchScr.IP54, LCD Monitor, 300cd/m²,<br/>HDMI,VGA,AG-Coating</p> | <p>Artikel-Nr. DMTX3071<br/>12,1" DeltaToughMon Type 2, 1.280x800 w/<br/>PCT,IP67,Opt, LCD Monitor AluHous., 1000cd/m²,<br/>HDMI/DVI, VGA, AV, IK08</p> |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|

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12,1" DeltaToughMon Type 3



12,1" DeltaToughMon Type 4



12,1" DeltaToughMon Type 1

|                         |                                                                                                                                                  |                                                                                                                                                  |                                                           |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|
| LCD Size                | 12,1"                                                                                                                                            | 12,1"                                                                                                                                            | 12,1"                                                     |
| Active Area             | -                                                                                                                                                | -                                                                                                                                                | -                                                         |
| Aspect Ratio            | 16:9                                                                                                                                             | 16:9                                                                                                                                             | 4:3                                                       |
| Display Backlight       | LED Backlight                                                                                                                                    | LED Backlight                                                                                                                                    | LED Backlight                                             |
| Display Resolution      | WXGA (1.280x800)                                                                                                                                 | WXGA (1.280x800)                                                                                                                                 | XGA (1.024x768)                                           |
| Display Colors          | -                                                                                                                                                | -                                                                                                                                                | -                                                         |
| Brightness              | 1.000 cd/m²                                                                                                                                      | 1.000 cd/m²                                                                                                                                      | 500 cd/m²                                                 |
| Contrast Ratio          | 1.000:1                                                                                                                                          | 1.000:1                                                                                                                                          | 700:1                                                     |
| Response Time           | 25ms / 25 ms (Tr / Tf)                                                                                                                           | 25ms / 25 ms (Tr / Tf)                                                                                                                           | 26 ms / 26 ms (Tr / Tf)                                   |
| Viewing Angle           | 178° / 178° (H / V)                                                                                                                              | 178° / 178° (H / V)                                                                                                                              | 160° / 140° (H / V)                                       |
| Anti Reflection Glass   | x                                                                                                                                                | x                                                                                                                                                | x                                                         |
| Sunlight Readable       | x                                                                                                                                                | x                                                                                                                                                |                                                           |
| Gapless Optical Bonding | x                                                                                                                                                | x                                                                                                                                                |                                                           |
| MTBF                    | 55.000 hours                                                                                                                                     | 55.000 hours                                                                                                                                     | 55.000 hours                                              |
| TouchScreen             | Projected Capacitive Multi-Touch Touchscreen                                                                                                     | Projected Capacitive Multi-Touch Touchscreen                                                                                                     | 5-Wire Resistive Touchscreen                              |
| Cooling System          | -                                                                                                                                                | -                                                                                                                                                | -                                                         |
| Mounting System         | Panel Mountable with included hardware<br>Panel Mount Bracket Wall Mount, 75 x 75 mm VESA                                                        | Panel Mountable with included hardware<br>Panel Mount Bracket Wall Mount, 75 x 75 mm VESA                                                        | 75 x 75 mm VESA, Monitor Stand incl. Stand                |
| Graphic Interface       | VGA/CRT, DVI Input through included DVI to HDMI Adaptor<br>DVI to HDMI Adaptor DVI, 2x Input /1x Output<br>HDMI, 1x SDI Input, 1x SDI Output SDI | VGA/CRT, DVI Input through included DVI to HDMI Adaptor<br>DVI to HDMI Adaptor DVI, 2x Input /1x Output<br>HDMI, 1x SDI Input, 1x SDI Output SDI | VGA/CRT, 1x DVI Input<br>DVI to HDMI Adaptor DVI          |
| Interface COM           |                                                                                                                                                  |                                                                                                                                                  |                                                           |
| Interface USB           | USB                                                                                                                                              | USB, 1x USB-C 3.1 USB 3.0                                                                                                                        | -                                                         |
| Camera                  |                                                                                                                                                  |                                                                                                                                                  |                                                           |
| Video Input             | 2x Video Input                                                                                                                                   | 2x Video Input                                                                                                                                   |                                                           |
| Reverse camera input    |                                                                                                                                                  |                                                                                                                                                  |                                                           |
| Audio                   | 4x Audio In                                                                                                                                      | 4x Audio In                                                                                                                                      |                                                           |
| Speakers                | 4x built-In waterproof Speakers                                                                                                                  | 4x built-In waterproof Speakers                                                                                                                  |                                                           |
| Input Voltage Nominal   | 12VDC                                                                                                                                            | 12VDC                                                                                                                                            | 12VDC                                                     |
| Input Voltage Min/Max   | 9 to 36VDC                                                                                                                                       | 9 to 36VDC                                                                                                                                       |                                                           |
| Input Current           | < 30W                                                                                                                                            | < 30W                                                                                                                                            | < 20W                                                     |
| Operating Temperature   | -30°C to 85°C                                                                                                                                    | -30°C to 85°C                                                                                                                                    | -0°C to 40°C                                              |
| Storage Temperature     | -30°C to 85°C                                                                                                                                    | -30°C to 85°C                                                                                                                                    | -10°C to 50°C                                             |
| Relative Humidity       | -                                                                                                                                                | -                                                                                                                                                | -                                                         |
| Protection              | IP67 / NEMA6P Rated Water and Dust, IK08<br>Impact Resistant                                                                                     | IP67 / NEMA6P Rated Water and Dust, IK08<br>Impact Resistant                                                                                     | IP54                                                      |
| Certification           | CE, e13 (Vehicle), FCC, RoHS                                                                                                                     | CE, e13 (Vehicle), FCC, RoHS                                                                                                                     | CE, e13 (Vehicle), FCC, RoHS                              |
| Dimensions              | 312 x 230 x 44,2 mm (W x H x D)                                                                                                                  | 312 x 230 x 44,2 mm (W x H x D)                                                                                                                  | 315 x 255 x 67,7 mm (W x H x D)                           |
| Weight                  | 2,9 Kg                                                                                                                                           | 2,9 Kg                                                                                                                                           | 3,5 Kg                                                    |
| Material                |                                                                                                                                                  |                                                                                                                                                  |                                                           |
| Typ. Application        | Industrial, Automotive, Digital Signage, Outdoor                                                                                                 | Industrial, Automotive, Digital Signage, Outdoor                                                                                                 | Industrial, Automotive, Marine, Military, Digital Signage |

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## Selection Guide Tough- & Standard Fahrzeugmonitore

**12,1" DeltaToughMon Type 3****12,1" DeltaToughMon Type 4****12,1" DeltaToughMon Type 1****Bestellinformation**

Artikel-Nr. DMTX3072

12,1" DeltaToughMon Type 3, 1280x800 w/  
PCT, IP67, Opt., LCD Mon. Alu-Hou.,  
1000cd/m², HDMI/SDI/DVI, VGA, AV, IK08

Artikel-Nr. DMTX3073

12,1" DeltaToughMon Type 4, 1280x800 w/  
PCT, IP67, Opt.B, LCD Moni. Alu-Hou.,  
1000cd/m², HDMI/USB-C/AV/VGA/IK08

Artikel-Nr. DMTX3070

12,1" DeltaToughMon Type 1, 1.024x600 w/  
TouchS, IP54, LCD Monitor, 500cd/m²,  
DVI, VGA, AG-Coating

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15,6" DeltaToughMon Type 1



15" DeltaToughMon Type 1



24" DeltaToughMon Type 1

| LCD Size                | 15,6"                                                                                                       | 15"                                                       | 24"                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Active Area             | -                                                                                                           | -                                                         | -                                                                                                 |
| Aspect Ratio            | 16:9                                                                                                        | 4:3                                                       | 16:9                                                                                              |
| Display Backlight       | LED Backlight                                                                                               | LED Backlight                                             | LED Backlight                                                                                     |
| Display Resolution      | WXGA (1.280x800)                                                                                            | XGA (1.024x768)                                           | WXGA (1.280x800), 1080p (1.920x1.080)                                                             |
| Display Colors          | -                                                                                                           | -                                                         | -                                                                                                 |
| Brightness              | 1.000 cd/m²                                                                                                 | 300 cd/m²                                                 | 1.000 cd/m²                                                                                       |
| Contrast Ratio          | 800:1                                                                                                       | 500:1                                                     | 5.000:1                                                                                           |
| Response Time           | 13ms / 12 ms (Tr / Tf)                                                                                      | 30 ms / 30 ms (Tr / Tf)                                   | 25ms / 25 ms (Tr / Tf)                                                                            |
| Viewing Angle           | 170° / 170° (H / V)                                                                                         | 160° / 160° (H / V)                                       | 178° / 178° (H / V)                                                                               |
| Anti Reflection Glass   | x                                                                                                           | x                                                         | x                                                                                                 |
| Sunlight Readable       | x                                                                                                           | -                                                         | x                                                                                                 |
| Gapless Optical Bonding | x                                                                                                           | -                                                         | -                                                                                                 |
| MTBF                    | 55.000 hours                                                                                                | 55.000 hours                                              | 55.000 hours                                                                                      |
| TouchScreen             | Projected Capacitive Multi-Touch Touchscreen                                                                | Projected Capacitive Multi-Touch Touchscreen              | Sunlight Readable and Capacitive Touchscreen                                                      |
| Cooling System          | -                                                                                                           | -                                                         | -                                                                                                 |
| Mounting System         | Panel Mountable with included hardware<br>Panel Mount Bracket Wall Mount, 75 x 75 mm VESA                   | 75 x 75 mm VESA, Removable Stand Stand                    | Panel Mount Bracket Wall Mount, 100mm x 100 mm, 200mm x 100mm VESA                                |
| Graphic Interface       | VGA/CRT, DVI Input through included DVI to HDMI Adaptor<br>DVI to HDMI Adaptor DVI, 2x Input/1x Output HDMI | 1x VGA/CRT, 1x HDMI                                       | VGA/CRT, DVI Input through included DVI to HDMI Adaptor<br>DVI to HDMI Adaptor DVI, 1x Input HDMI |
| Interface COM           | -                                                                                                           | -                                                         | -                                                                                                 |
| Interface USB           | USB                                                                                                         | USB                                                       | USB                                                                                               |
| Camera                  | -                                                                                                           | -                                                         | -                                                                                                 |
| Video Input             | 2x Video Input, 1x Analog Audio Output                                                                      | -                                                         | -                                                                                                 |
| Reverse camera input    | -                                                                                                           | -                                                         | -                                                                                                 |
| Audio                   | 4x Audio In                                                                                                 | -                                                         | 4x Audio In                                                                                       |
| Speakers                | 4x built-In waterproof Speakers                                                                             | -                                                         | 4x built-In waterproof Speakers                                                                   |
| Input Voltage Nominal   | 12VDC                                                                                                       | 12VDC                                                     | 12VDC                                                                                             |
| Input Voltage Min/Max   | 9 to 36VDC                                                                                                  | -                                                         | 12VDC                                                                                             |
| Input Current           | < 30W                                                                                                       | < 18W                                                     | < 45W                                                                                             |
| Operating Temperature   | -30°C to 85°C                                                                                               | -0°C to 40°C                                              | -30°C to 70°C                                                                                     |
| Storage Temperature     | -40°C to 90°C                                                                                               | -15°C to 50°C                                             | -30°C to 75°C                                                                                     |
| Relative Humidity       | -                                                                                                           | -                                                         | -                                                                                                 |
| Protection              | IP67 / NEMA6P Rated Water and Dust, IK08 Impact Resistant                                                   | IP54                                                      | IP69K, IP66 / NEMA4X Impact Resistant                                                             |
| Certification           | CE, e13 (Vehicle), FCC, RoHS                                                                                | CE, e13 (Vehicle), FCC, RoHS                              | CE, e13 (Vehicle), FCC, RoHS                                                                      |
| Dimensions              | 398 x 264 x 44,7 mm (W x H x D)                                                                             | 360,6 x 290,5 x 34,9 mm (W x H x D)                       | 608 x 392 x 54 mm (W x H x D)                                                                     |
| Weight                  | 4,1 Kg                                                                                                      | 3,3 kg                                                    | 10,3 Kg                                                                                           |
| Material                | Ruggedized Aluminum Casing                                                                                  | -                                                         | Ruggedized Stainless-Steel Casing                                                                 |
| Typ. Application        | Industrial, Automotive, Digital Signage, Outdoor                                                            | Industrial, Automotive, Marine, Military, Digital Signage | Industrial, Automotive, Marine, Military, Digital Signage, Outdoor                                |

## Selection Guide Tough- & Standard Fahrzeugmonitore



15,6" DeltaToughMon Type 1



15" DeltaToughMon Type 1



24" DeltaToughMon Type 1

### Bestellinformation

Artikel-Nr. DMTX3080

15,6" DeltaToughMon Typ1, 1.280x800 w/ PCT,  
IP67, Opt, LCD Monitor AluHou.,  
1.000cd/m², HDMI/DVI, VGA, AV, IK08

Artikel-Nr. DMTX3050

15" DeltaToughMon Type 1, 1.024x768 w/ PCT,  
IP54, LCD Monitor, 300cd/m²,  
HDMI, VGA, AG-Coating

Artikel-Nr. DMTX3090

24" DeltaToughMon Typ1, 1920x1.080 w/ PCT,  
IP69K, IP66, LCD Mon. stainl.SteelHo.1000cd/m²,  
HDMI/DVI, VGA, USB

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## Selection Guide Tough- & Standard Fahrzeugmonitore



24" DeltaToughMon Type 2



Vehicle Mount Display 1001



Vehicle Mount Display 2003

|                         |                                                                                                   |                         |                                                                                |
|-------------------------|---------------------------------------------------------------------------------------------------|-------------------------|--------------------------------------------------------------------------------|
| LCD Size                | 24"                                                                                               | 7.0"                    | 8.0"                                                                           |
| Active Area             | -                                                                                                 | -                       | -                                                                              |
| Aspect Ratio            | 16:9                                                                                              | -                       | -                                                                              |
| Display Backlight       | LED Backlight                                                                                     | LED Backlight           | LED Backlight                                                                  |
| Display Resolution      | WXGA (1.280x800), 1080p (1.920x1.080)                                                             | WVGA (800x480)          | SVGA (800x600)                                                                 |
| Display Colors          | -                                                                                                 | -                       | -                                                                              |
| Brightness              | 1.000 cd/m²                                                                                       | 500 cd/m²               | 800 cd/m²                                                                      |
| Contrast Ratio          | 5.000:1                                                                                           | 600:1                   | 500:1                                                                          |
| Response Time           | 25ms / 25 ms (Tr / Tf)                                                                            | -                       | -                                                                              |
| Viewing Angle           | 178° / 178° (H / V)                                                                               | -                       | -                                                                              |
| Anti Reflection Glass   | x                                                                                                 | x                       | -                                                                              |
| Sunlight Readable       | x                                                                                                 | Optional                | x                                                                              |
| Gapless Optical Bonding | -                                                                                                 | -                       | -                                                                              |
| MTBF                    | 55.000 hours                                                                                      | -                       | -                                                                              |
| TouchScreen             | -                                                                                                 | 4-wire resistive        | 4-wire resistive touch                                                         |
| Cooling System          | -                                                                                                 | -                       | Fanless                                                                        |
| Mounting System         | Panel Mount Bracket Wall Mount, 100mm x 100 mm, 200mm x 100mm VESA                                | VESA, Stand             | VESA, Stand                                                                    |
| Graphic Interface       | VGA/CRT, DVI Input through included DVI to HDMI Adaptor<br>DVI to HDMI Adaptor DVI, 1x Input HDMI | VGA/CRT                 | 1x DB9 (female) for up to 4x analog cameras input<br>Composite/CVBS, UltraONE+ |
| Interface COM           | -                                                                                                 | -                       | -                                                                              |
| Interface USB           | USB                                                                                               | 2x USB                  | 1x USB 2.0                                                                     |
| Camera                  | -                                                                                                 | -                       | Optional                                                                       |
| Video Input             | -                                                                                                 | -                       | 1x DB9 (male) for ultraONE+ technology                                         |
| Reverse camera input    | -                                                                                                 | -                       | -                                                                              |
| Audio                   | 4x Audio In                                                                                       | 1x Line-In, 1x Line-Out | 1x Line-out, 1x Mic-in                                                         |
| Speakers                | 4x built-In waterproof Speakers                                                                   | -                       | 2x (1.2W)                                                                      |
| Input Voltage Nominal   | 12VDC                                                                                             | -                       | 12VDC                                                                          |
| Input Voltage Min/Max   | 12VDC                                                                                             | 6 to 36VDC              | -                                                                              |
| Input Current           | < 45W                                                                                             | -                       | -                                                                              |
| Operating Temperature   | -30°C to 70°C                                                                                     | -20°C to 70°C           | -20°C to 60°C                                                                  |
| Storage Temperature     | -30°C to 75°C                                                                                     | -30°C to 80°C           | -30°C to 70°C                                                                  |
| Relative Humidity       | -                                                                                                 | -                       | -                                                                              |
| Protection              | IP69K, IP66 / NEMA4X<br>Impact Resistant                                                          | -                       | IP54 (front), Vibration & Shock                                                |
| Certification           | CE, e13 (Vehicle), FCC, RoHs                                                                      | CE                      | CE, MIL-STD-810F, Class B FCC                                                  |
| Dimensions              | 608 x 392 x 59 mm (W x H x D)                                                                     | 182 x 138 x 36.3 mm     | 207 x 173 x 36,7 mm (W x H x D)                                                |
| Weight                  | 10,9 Kg                                                                                           | 0.45kg                  | 0,8 kg                                                                         |
| Material                | Ruggedized Stainless-Steel Casing                                                                 | -                       | Plastic PC + ABS                                                               |
| Typ. Application        | Industrial, Automotive, Marine, Military, Digital<br>Signage, Outdoor                             | Industrial, Automotive  | Industrial, Automotive                                                         |

## Selection Guide Tough- & Standard Fahrzeugmonitore



24" DeltaToughMon Type 2



Vehicle Mount Display 1001



Vehicle Mount Display 2003

|                    |                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bestellinformation | <p>Artikel-Nr. DMTX3091<br/>24" DeltaToughMon Typ2, 1920x1080 w/o TS, IP69K, IP66, LCD Mon.<br/>stainl.SteelHo.1000cd/m², HDMI/DVI, VGA, USB</p> | <p>Artikel-Nr. DMXX1080<br/>VMD 1001, 7" w/ resistive TouchScreen<br/>"VGA-direct", 500cd/m², WVGA, 1x VGA, 1x Line-In/-Out, 2x USB</p> <p>Artikel-Nr. DMXX1080-1<br/>VMD 1001, 7" w/ resistive TouchScreen, sunlight readable "VGA-direct", 500cd/m², WVGA, 1x VGA, 1x Line-In/-Out, 2x USB</p> <p>Artikel-Nr. DMXX1080-2<br/>VMD 1001, 7" w/ resistive TouchScreen, camera "VGA-direct", 500cd/m², WVGA, 1x VGA, 1x Line-In/-Out, 2x USB</p> <p>Artikel-Nr. DMXX1080-3<br/>VMD 1001, 7" w/ resistive TouchScreen, sunlight readable, camera "VGA-direct", 500cd/m², WVGA, 1x VGA, 1x Line-In/-Out, 2x USB</p> | <p>Artikel-Nr. DMXX1087<br/>VMD 2003-BS, 8,0" w/ resistive TouchScreen<br/>"ultraONE", 800cd/m², SVGA, 4x CVBS, 1x USB, ultraONE+ video-in</p> <p>Artikel-Nr. PKBX5326<br/>VTC 1011-C2VK, w/ Intel Atom E3825, Dual Core 1.33GHz, 1x VGA, 1x HDMI, 3x COM, 1x CAN, 2x PoE, ultraONE+ video-out</p> <p>Artikel-Nr. PKBX5900<br/>ATC 8010 w/ Intel® Core i7-8700T 6-core &amp; GTX 1050Ti, 1x VGA, 5x HDMI, 3x COM, 8x PoE, 8GB DDR4, ultraONE+ video-out</p> <p>Artikel-Nr. PKBX5901<br/>ATC 8010 w/ Intel® Core i7-8700T 6-core, 1x VGA, 5x HDMI, 3x COM, 8x PoE, 8GB DDR4, ultraONE+ video-out</p> <p>Artikel-Nr. BPLK1137<br/>ultraOne+ All-in-One Cable 10 Meter, D-SUB HD 9 connector, USB, Power, Video &amp; Audio</p> <p>Artikel-Nr. BPLK1138<br/>ultraOne+ All-in-One Cable 5 Meter, D-SUB HD 9 connector, USB, Power, Video &amp; Audio</p> |
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## Selection Guide Tough- & Standard Fahrzeugmonitore



Vehicle Mount Display 2002



Vehicle Mount Display 2000



Vehicle Mount Display 3002

|                         |                                       |                                                                 |                                  |
|-------------------------|---------------------------------------|-----------------------------------------------------------------|----------------------------------|
| LCD Size                | 8.0"                                  | 8.0"                                                            | 10.4"                            |
| Active Area             | -                                     | -                                                               | -                                |
| Aspect Ratio            |                                       |                                                                 | -                                |
| Display Backlight       | LED Backlight                         | LED Backlight                                                   | LED Backlight                    |
| Display Resolution      | SVGA (800x600)                        | SVGA (800x600)                                                  | XGA (1.024x768)                  |
| Display Colors          | -                                     | -                                                               | -                                |
| Brightness              | 400 cd/m² (800 cd/m² optional)        | 400 cd/m² / 800 cd/m² optional                                  | 1.200 cd/m²                      |
| Contrast Ratio          | 500:1                                 | 500:1                                                           | 500:1                            |
| Response Time           | -                                     | -                                                               | -                                |
| Viewing Angle           | -                                     | -                                                               | -                                |
| Anti Reflection Glass   | X                                     | -                                                               | -                                |
| Sunlight Readable       | Optional                              | Optional                                                        | -                                |
| Gapless Optical Bonding | -                                     | -                                                               | -                                |
| MTBF                    | -                                     | -                                                               | -                                |
| TouchScreen             | 4-wire resistive touch                | 4-wire resistive                                                | Projected capacitive TouchScreen |
| Cooling System          | Fan                                   | -                                                               | -                                |
| Mounting System         | VESA, Stand                           | Wall Mount, VESA, Stand                                         | VESA                             |
| Graphic Interface       | VGA/CRT                               | LCD-LVDS                                                        | VGA/CRT, 4x Composite/CVBS       |
| Interface COM           |                                       |                                                                 |                                  |
| Interface USB           | 1x USB 2.0                            | 1x USB                                                          | 1x USB                           |
| Camera                  | Optional                              | Optional                                                        | -                                |
| Video Input             | -                                     | -                                                               | -                                |
| Reverse camera input    | -                                     | -                                                               | -                                |
| Audio                   | 1x Line-in, Mic-out, Line-out, Mic-in | 1x Line-in, 1x Line-Out, 1x Mic-in, 1x Mic-out, 2x Speaker (1W) | 1x Line-in                       |
| Speakers                | 2x (1.2W)                             | -                                                               | -                                |
| Input Voltage Nominal   | -                                     | 12VDC                                                           | -                                |
| Input Voltage Min/Max   | 6 to 36 VDC                           | -                                                               | 9 to 36VDC                       |
| Input Current           | -                                     | -                                                               | 18W                              |
| Operating Temperature   | -20°C to 60°C                         | -20°C to 60°C                                                   | -20°C to 60°C                    |
| Storage Temperature     | -30°C to 70°C                         | -30°C to 70°C                                                   | -30°C to 80°C                    |
| Relative Humidity       | -                                     | -                                                               | -                                |
| Protection              | IP54 (front)                          | IP54                                                            | -                                |
| Certification           | CE, FCC                               | CE, MIL-STD-810F, FCC                                           | CE, FCC                          |
| Dimensions              | 207 x 173 x 36.7 mm                   | 207 x 173 x 36.7 mm                                             | 256.5 x 202.1 x 31.5 mm          |
| Weight                  | 0,5 kg                                | 0.7kg                                                           | 1.64kg                           |
| Material                | -                                     | Plastic PC + ABS                                                | Plastic PC & ABS                 |
| Typ. Application        | Industrial, Automotive                | Industrial, Automotive                                          | Industrial, Automotive           |

## Selection Guide Tough- & Standard Fahrzeugmonitore



Vehicle Mount Display 2002



Vehicle Mount Display 2000



Vehicle Mount Display 3002

| Bestellinformation |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                               |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
|                    | <p>Artikel-Nr. DMXX1086<br/>VMD 2002, 8" w/ resistive Touch "VGA-one cable", 400cd/m², SVGA, 1x VGA, 1x Line-In/-Out, 1x USB</p> <p>Artikel-Nr. DMXX1086-1<br/>VMD 2002, 8" w/ resistive Touch, sunlight readable "VGA-one cable", 800cd/m², SVGA, 1x VGA, 1x Line-In/-Out, 1x USB</p> <p>Artikel-Nr. DMXX1086-2<br/>VMD 2002, 8" w/ resistive Touch, camera "VGA-one cable", 400cd/m², SVGA, 1x VGA, 1x Line-In/-Out, 1x USB</p> <p>Artikel-Nr. DMXX1086-3<br/>VMD 2002, 8" w/ resistive Touch, sunlight readable, camera "VGA-one cable", 800cd/m², SVGA, 1x VGA, 1x Line-In/-Out, 1x USB</p> | <p>Artikel-Nr. PKBD1103<br/>VMD 2000, 8" w/ resistive TouchScreen "LVDS", 400cd/m², SVGA, 1x LVDS, 1x Mic-In/-Out, 1x USB</p> <p>Artikel-Nr. PKBD1103-1<br/>VMD 2000, 8" w/ resistive TouchScreen, sunlight readable "LVDS", 800cd/m², SVGA, 1x LVDS, 1x Mic-In/-Out, 1x USB</p> <p>Artikel-Nr. PKBD1103-2<br/>VMD 2000, 8" w/ resistive TouchScreen, camera "LVDS", 400cd/m², SVGA, 1x LVDS, 1x Mic-In/-Out, 1x USB</p> <p>Artikel-Nr. PKBD1103-3<br/>VMD 2000, 8" w/ resistive TouchScreen, sunlight readable, camera "LVDS", 800cd/m², SVGA, 1x LVDS, 1x Mic-In/-Out, 1x USB</p> | <p>Artikel-Nr. DMXX1090<br/>VMD 3002-BS, 10,4" w/ projected capacitive TouchScreen "VGA-direct", 1.200 cd/m², XGA, 1x VGA + 4x CVBS, IP65</p> |

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Vehicle Mount Display 3110

|                         |                                                                                |
|-------------------------|--------------------------------------------------------------------------------|
| LCD Size                | 10,4"                                                                          |
| Active Area             | -                                                                              |
| Aspect Ratio            | -                                                                              |
| Display Backlight       | LED Backlight                                                                  |
| Display Resolution      | XGA (1.024x768)                                                                |
| Display Colors          | -                                                                              |
| Brightness              | 1.200 cd/m²                                                                    |
| Contrast Ratio          | 500:1                                                                          |
| Response Time           | -                                                                              |
| Viewing Angle           | -                                                                              |
| Anti Reflection Glass   | -                                                                              |
| Sunlight Readable       | -                                                                              |
| Gapless Optical Bonding | -                                                                              |
| MTBF                    | -                                                                              |
| TouchScreen             | Projected capacitive TouchScreen                                               |
| Cooling System          | -                                                                              |
| Mounting System         | VESA, Stand                                                                    |
| Graphic Interface       | 1x DB9 (female) for up to 4x analog cameras input<br>Composite/CVBS, UltraONE+ |
| Interface COM           | 1x TX/RX                                                                       |
| Interface USB           | 1x USB                                                                         |
| Camera                  | Optional                                                                       |
| Video Input             | 1x DB9 (male) for ultraONE+ technology                                         |
| Reverse camera input    | -                                                                              |
| Audio                   | 1x Line-in                                                                     |
| Speakers                | 2x (1W / 8ohm)                                                                 |
| Input Voltage Nominal   | -                                                                              |
| Input Voltage Min/Max   | 9 to 36VDC                                                                     |
| Input Current           | 18W                                                                            |
| Operating Temperature   | -20°C to 60°C                                                                  |
| Storage Temperature     | -30°C to 80°C                                                                  |
| Relative Humidity       | -                                                                              |
| Protection              | IP65, Vibration & Shock                                                        |
| Certification           | CE, MIL-STD-810G, Class B FCC                                                  |
| Dimensions              | 256,5 x 202,1 x 31,5 mm (W x D x H)                                            |
| Weight                  | 1,64 kg                                                                        |
| Material                | Plastic PC + ABS; Surface hardness 6H                                          |
| Typ. Application        | Industrial, Automotive                                                         |

## Selection Guide Tough- & Standard Fahrzeugmonitore

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**Vehicle Mount Display 3110**

#### Bestellinformation

Artikel-Nr. DMXX1091

VMD 3110-4PH, 10,4" w/ Projected capacitive  
TouchScreen "ultraONE", 1.200cd/m², XGA,  
ultraONE+ with USB, 4x CVBS video-in

Artikel-Nr. PKBX5326

VTC 1011-C2VK, w/ Intel Atom E3825, Dual Core  
1.33GHz, 1x VGA, 1x HDMI, 3x COM, 1x CAN, 2x  
PoE, ultraONE+ video-out

Artikel-Nr. PKBX5900

ATC 8010 w/ Intel® Core i7-8700T 6-core & GTX  
1050Ti, 1x VGA, 5x HDMI, 3x COM, 8x PoE, 8GB  
DDR4, ultraONE+ video-out

Artikel-Nr. PKBX5901

ATC 8010 w/ Intel® Core i7-8700T 6-core, 1x  
VGA, 5x HDMI, 3x COM, 8x PoE, 8GB DDR4,  
ultraONE+ video-out

Artikel-Nr. BPLK1137

ultraOne+ All-in-One Cable 10 Meter, D-SUB HD 9  
connector, USB, Power, Video & Audio

Artikel-Nr. BPLK1138

ultraOne+ All-in-One Cable 5 Meter, D-SUB HD 9  
connector, USB, Power, Video & Audio

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