

Selection Guide

High-End Fahrzeugmonitore

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DeltaVarioMon 5" Automotive Monitor

DeltaVarioMon 7" Typ 1 Automotive Monitor

DeltaVarioMon 8,4" Typ 3 Automotive Monitor

LCD Size	5"	7"	8,4"
Active Area	108 x 64.8 mm (H/V)	153,6 x 90 mm (H x V)	170.496 x 127.872 mm (H/V)
Pixel Pitch	0.135 x 0.135 mm	0,05 x 0,15 mm (W x H)	-
Aspect Ratio	-	16:9	-
Display Backlight	LED Backlight	LED Backlight	LED Backlight
Display Resolution	WVGA (800x480)	WSVGA (1.024x600)	SVGA (800x600)
Display Colors	-	16M	16.2M
Brightness	600 cd/m²	850 cd/m² (dimmable via OSD keypad and light sensor)	1.600 cd/m²
Contrast Ratio	600:1	700:1	600:1
Response Time	20ms	20ms	35ms
Viewing Angle	120°/140° (H/V)	150°/145° (H/V)	160°/160° (H/V)
Anti Reflection Glass	-	-	-
Sunlight Readable	-	x	x
MTBF	-	-	-
TouchScreen	4-wire analog resistive	projected capacitive TouchScreen	Optional analog-resistiv + USB interface
Keypad	-	-	-
OSDMenu	x	x	x
Cooling System	Fan	-	Fan
Mounting System	VESA	-	VESA
SD	-	-	-
Graphic Interface	-	VGA/CRT, DVI	VGA/CRT, DVI
Interface USB	USB, 2x USB 2.0	IN Typ B + OUT Typ A (optional) USB 2.0	Optional USB
Camera	-	-	-
Sound	-	-	-
Audio	USB Hub & Sound	USB-Hub & sound amplifier with poti and loudspeaker (optional)	USB-Hub & sound amplifier with poti and LINE-IN (optional)
Speakers	x	2x Stereo-loudspeaker (optional)	-
Headphone	x	-	-
GPS	Optional	-	-
Operating System	WINDOWS 7, WINDOWS XP; MAC-OS	-	-
Input Voltage Nominal	-	-	-
Input Voltage Min/Max	6 to 36VDC	7.5 to 33 VDC	7.5 to 33 VDC
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	9.6W
Input Power	-	-	-
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	-20°C to 70°C
Relative Humidity	-	5% to 84%	5% to 90%
Protection	-	Protection against reverse polarity and transients	IP30
Certification	-	e1 (Vehicle)	e1 (Vehicle)
Dimensions	160 x 98 x 28.4 mm	178 x 122 x 43 mm (L x H x T)	222.8 x 185.2 x 36 mm
Weight	410g	0,65 Kg	DMXX1130: 645 g, DMXX1131: 750 g, DMXX1132: 800 g
Material	-	Aluminum housing with black powder coating surface	Aluminum
Typ. Application	Automotive	Automotive, Mobile	Automotive

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DeltaVarioMon 5" Automotive Monitor



DeltaVarioMon 7" Typ 1 Automotive Monitor



DeltaVarioMon 8,4" Typ 3 Automotive Monitor

Bestellinformation

Artikel-Nr. DMXC4000
DeltaVarioMon 5,0" WVGA with resistive
TouchScreen, LCD-TFT monitor, GPS, Handfree
COM, USB, DisplayLink via USB

Artikel-Nr. DMXX1120
DeltaVarioMon 7" Typ 1 WSVGA w/ PCT,
LCD-TFT Monitor Alu-Housing, 850cd/m², DVI-I

Artikel-Nr. DMXX1120-1
DeltaVarioMon 7" Typ 1 WSVGA w/ PCT &
Hub+Sound, LCD-TFT Monitor Alu-Housing,
850cd/m², DVI-I

Artikel-Nr. DMXX1130
DeltaVarioMon 8,4" Type 3 SVGA w/o
TouchScreen, LCD-TFT Monitor Alu-housing,
1.600cd/m², VGA+DVI

Artikel-Nr. DMXX1131
DeltaVarioMon 8,4" Type 3 SVGA w/ Touch,
LCD-TFT Monitor Alu-housing, 1.600cd/m²,
VGA+DVI

Artikel-Nr. DMXX1132
DeltaVarioMon 8,4" Typ 3 SVGA w/ Touch,
Hub&Sound, LCD-TFT Monitor Alu-housing,
1.600cd/m², VGA+DVI

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DeltaVarioMon 8,4" Typ 4 Automotive Monitor

DeltaVarioMon 10,1" Typ 1 Automotive Monitor

DeltaVarioMon 10,1" Typ 2 Automotive Monitor

LCD Size	8,4"	10,1"	10,1"
Active Area	170,4 x 127,8 mm (H/V)	217,44 x 135,9 mm (H/V)	217,44 x 135,9 mm (H/V)
Pixel Pitch	-	0,11325 x 0,11325 mm (H/V)	0,11325 x 0,11325 mm (H/V)
Aspect Ratio	-	16:10	16:10
Display Backlight	LED Backlight	LED Backlight	LED Backlight
Display Resolution	SVGA (800x600)	WUXGA (1.920x1.200)	WUXGA (1.920x1.200)
Display Colors	16,2M	16,7M	16,7M
Brightness	450 cd/m²	800 cd/m² (adjustable brightness 0-100% via Poti (manuel) and light sensor (autom.))	800 cd/m² (adjustable brightness 0-100% via Poti (manuel) and light sensor (autom.))
Contrast Ratio	600:1	800:1	800:1
Response Time	20ms	25ms (with 25°C)	25ms (with 25°C)
Viewing Angle	160°/140° (H/V)	170°/170° (H/V)	170°/170° (H/V)
Anti Reflection Glass	-	x	x
Sunlight Readable	-	x	-
MTBF	-	-	-
TouchScreen	Optional analog-resistiv + USB interface	-	PCT (projected capacitive TouchScreen)
Keypad	-	-	-
OSDMenu	x	x	x
Cooling System	Fan	Fan	Fan
Mounting System	VESA	VESA 75 for rugged holding concept VESA	VESA 75 for rugged holding concept VESA
SD	-	-	-
Graphic Interface	VGA/CRT, DVI	VGA/CRT, DVI, DisplayPort	VGA/CRT, DVI, DisplayPort
Interface USB	Optional USB	USB, IN Typ B + OUT Typ A (optional) USB 2.0	IN Typ B + OUT Typ A (optional) USB 2.0
Camera	-	-	-
Sound	-	-	-
Audio	USB-Hub & sound amplifier with poti and LINE-IN (optional)	USB-Hub & sound amplifier with poti and LINE-IN (optional)	USB-Hub & sound amplifier with poti and LINE-IN (optional)
Speakers	-	2x Stereo-loudspeaker 2W (optional)	2x Stereo-loudspeaker 2W (optional)
Headphone	-	-	-
GPS	-	-	-
Operating System	-	-	-
Input Voltage Nominal	-	-	-
Input Voltage Min/Max	7.5 to 33 VDC	7.5 to 33 VDC	7.5 to 33 VDC
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	9.6W	-	-
Input Power	-	-	-
Operating Temperature	-20°C to 70°C	-20°C to +70°C	-20°C to +70°C
Storage Temperature	-20°C to 70°C	-30°C to 80°C	-30°C to 80°C
Relative Humidity	5% to 90%	95%	95%
Protection	IP30	Protection against reverse polarity and transients	Protection against reverse polarity and transients
Certification	e1 (Vehicle)	e1 (Vehicle)	e1 (Vehicle)
Dimensions	222,8 x 185,2 x 36 mm	246,9 x 175,4 x 38,7 mm (L x H x D)	249,5 x 168,1 x 35 mm (L x H x D)
Weight	DMXX1133: 645 g, DMXX1134: 750 g, DMXX1135: 800 g	DMXX1220: 750g, DMXX1220-1: 800g	DMXX1221: 1.100g, DMXX1221-1: 1.150g
Material	Aluminum	Aluminum housing with black powder coating surface	Aluminum housing with black powder coating surface
Typ. Application	Automotive	Automotive, Mobile	Automotive, Mobile

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DeltaVarioMon 8,4" Typ 4 Automotive Monitor



DeltaVarioMon 10,1" Typ 1 Automotive Monitor



DeltaVarioMon 10,1" Typ 2 Automotive Monitor

Bestellinformation

Artikel-Nr. DMXX1133
DeltaVarioMon 8,4" Typ 4 SVGA w/o
TouchScreen, LCD-TFT Monitor Alu-housing,
450cd/m², VGA+DVI

Artikel-Nr. DMXX1134
DeltaVarioMon 8,4" Typ 4 SVGA w/ analog
resistive TouchScreen, LCD-TFT Monitor
Alu-housing, 450cd/m², VGA+DVI

Artikel-Nr. DMXX1135
DeltaVarioMon 8,4" Typ 4 SVGA w/ analog
resistive TouchScreen, Hub&Sound, LCD-TFT
Monitor Alu-housing, 450cd/m², VGA+DVI

Artikel-Nr. DMXX1220
DeltaVarioMon 10,1" Typ 1 WUXGA w/o
TouchScreen, LCD-TFT Monitor Alu-Housing,
800cd/m², DVI-I + DP

Artikel-Nr. DMXX1220-1
DeltaVarioMon 10,1" Typ 1 WUXGA w/oTouch,
w/Hub+Sound, LCD-TFT Monitor Alu-Housing,
800cd/m², DVI-I + DP

Artikel-Nr. DMXX1221
DeltaVarioMon 10,1" Typ 2 WUXGA w/ PCT,
LCD-TFT Monitor Alu-Housing, 800cd/m², DVI-I +
DP

Artikel-Nr. DMXX1221-1
DeltaVarioMon 10,1" Typ 2 WUXGA w/PCT &
Hub+Sound, LCD-TFT Monitor Alu-Housing,
800cd/m², DVI-I + DP

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DeltaVarioMon 10,4" Typ 2 Automotive Monitor

DeltaVarioMon 10,4" Typ 3 Automotive Monitor

DeltaVarioMon 12,1" Typ 2 Automotive Monitor

LCD Size	10,4"	10,4"	12,1"
Active Area	210.4 x 157.8 mm (H/V)	210.4 x 157.8 mm (H/V)	245.76 x 184.32 mm (H/V)
Pixel Pitch	-	-	-
Aspect Ratio	-	-	-
Display Backlight	LED Backlight	LED Backlight	LED Backlight
Display Resolution	XGA (1.024x768)	XGA (1.024x768)	XGA (1.024x768)
Display Colors	16.2M	1262.144	16.2M
Brightness	500 cd/m²	1.300 cd/m²	600 cd/m²
Contrast Ratio	1.200:1	600:1	700:1
Response Time	25ms	36ms	5/11ms
Viewing Angle	176°/176° (H/V)	178°/178° (H/V)	160°/160° (H/V)
Anti Reflection Glass	-	-	-
Sunlight Readable	x	x	x
MTBF	-	-	50.000 hrs
TouchScreen	Optional	Optional	Optional
Keypad	x	-	x
OSDMenu	-	x	-
Cooling System	Fan	Fan	Fan
Mounting System	VESA	VESA	VESA
SD	-	-	-
Graphic Interface	VGA/CRT, DVI	VGA/CRT, DVI	VGA/CRT, DVI
Interface USB	Optional USB	Optional USB	Optional USB
Camera	-	-	-
Sound	-	-	-
Audio	USB-Hub & sound amplifier with poti and LINE-IN (optional)	USB-Hub & sound amplifier with poti and LINE-IN (optional)	USB-Hub & sound amplifier with poti and LINE-IN (optional)
Speakers	-	-	-
Headphone	-	-	-
GPS	-	-	-
Operating System	-	-	-
Input Voltage Nominal	-	-	-
Input Voltage Min/Max	7.5 to 33VDC	7.5 to 33 VDC	7.5 to 33VDC
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	-
Input Power	-	-	-
Operating Temperature	-30°C bis +70°C	-20°C to 70°C	-30°C to 70°C
Storage Temperature	-30°C bis +80°C	-40°C to 70°C	-30°C to 80°C
Relative Humidity	-	5% to 84%	-
Protection	IP30	IP30	IP30
Certification	e1 (Vehicle)	e1 (Vehicle)	e1 (Vehicle)
Dimensions	250 x 202 x 43/22 mm	250.4 x 197.3 x 38.6 mm	284 x 232 x 43/22 mm
Weight	DMXX1146: 835 g, DMXX1147: 1.120 g, DMXX1148: 865 g, DMXX1149: 1.150 g	DMXX1150: 985g, DMXX1151: 1.270g, DMXX1152: 1.320g	DMXX1162: 1.175g, DMXX1163: 1.450g, DMXX1164: 1.205 g, DMXX1165: 1.480 g
Material	Aluminum	Aluminum	Aluminum
Typ. Application	Industrial, Automotive	Automotive	Industrial, Automotive

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DeltaVarioMon 10,4" Typ 2 Automotive Monitor



DeltaVarioMon 10,4" Typ 3 Automotive Monitor



DeltaVarioMon 12,1" Typ 2 Automotive Monitor

Bestellinformation

Artikel-Nr. DMXX1146
DeltaVarioMon 10,4" Typ 2 XGA w/o
TouchScreen, LCD-TFT Monitor Alu-Housing,
500cd/m², VGA+DVI

Artikel-Nr. DMXX1147
DeltaVarioMon 10,4" Typ 2 XGA w/ resistive
TouchScreen, LCD-TFT Monitor Alu-housing
500cd/m², VGA+DVI

Artikel-Nr. DMXX1148
DeltaVarioMon 10,4" Typ 2 XGA w/o
TouchScreen, w/ Hub&Sound, LCD-TFT Monitor
Alu-housing 500cd/m², VGA+DVI

Artikel-Nr. DMXX1149
DeltaVarioMon 10,4" Typ 2 XGA w/ resistive
TouchScreen + Hub&Sound, LCD-TFT Monitor
Alu-housing 500cd/m², VGA+DVI

Artikel-Nr. DMXX1150
DeltaVarioMon 10,4" Type 3 XGA w/o
TouchScreen, LCD-TFT monitor Alu-Housing
1.300cd/m², VGA+DVI

Artikel-Nr. DMXX1151
DeltaVarioMon 10,4" Type 3 XGA w/
TouchScreen, LCD-TFT monitor Alu-Housing
1.300cd/m², VGA+DVI

Artikel-Nr. DMXX1152
DeltaVarioMon 10,4" Type 3 XGA w/
TouchScreen, Hub&Sound, LCD-TFT monitor
Alu-Housing 1.300cd/m², VGA+DVI

Artikel-Nr. DMXX1162
DeltaVarioMon 12,1" Typ 2 XGA w/o
TouchScreen, LCD-TFT Monitor Alu-housing
600cd/m², VGA+DVI

Artikel-Nr. DMXX1163
DeltaVarioMon 12,1" Typ 2 XGA w/ resistive
TouchScreen, LCD-TFT Monitor Alu-housing
600cd/m², VGA+DVI

Artikel-Nr. DMXX1164
DeltaVarioMon 12,1" Typ 2 XGA w/o
TouchScreen, w/ Hub&Sound, LCD-TFT Monitor
Alu-housing 600cd/m², VGA+DVI

Artikel-Nr. DMXX1165
DeltaVarioMon 12,1" Typ 2 XGA w/ resistive
TouchScreen + Hub&Sound, LCD-TFT Monitor
Alu-housing 600cd/m², VGA+DVI

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DeltaVarioMon 12,1" Typ 3 Automotive Monitor

DeltaVarioMon 12,1" Typ 3 w/ handholds

DeltaVarioMon 12,1" Typ 3 w/ handholds+docking

LCD Size	12,1"	12,1"	12,1"
Active Area	245.76 x 184.32 mm (H/V)	245.76 x 184.32 mm (H/V)	245.76 x 184.32 mm (H/V)
Pixel Pitch	-	-	-
Aspect Ratio	-	-	-
Display Backlight	LED Backlight	LED Backlight	LED Backlight
Display Resolution	XGA (1.024x768)	XGA (1.024x768)	XGA (1.024x768)
Display Colors	16.2M	262K/16.2M	262K/16.2M
Brightness	1.600 cd/m²	1.600 cd/m²	1.600 cd/m²
Contrast Ratio	700:1	700.1	700.1
Response Time	35ms	35ms	35ms
Viewing Angle	160°/160° (H/V)	160°/160° (H/V)	160°/160° (H/V)
Anti Reflection Glass	-	-	-
Sunlight Readable	x	x	x
MTBF	-	-	-
TouchScreen	Optional	analog-resistiv	analog-resistiv
Keypad	-	-	-
OSDMenu	x	x	x
Cooling System	Fan	Fan	Fan
Mounting System	VESA	VESA	VESA
SD	-	-	-
Graphic Interface	VGA/CRT, DVI	VGA/CRT, DVI	VGA/CRT, DVI
Interface USB	Optional USB	USB	USB
Camera	-	-	-
Sound	-	-	-
Audio	USB-Hub & sound amplifier with poti and LINE-IN (optional)	USB-Hub & sound amplifier with poti and LINE-IN (optional)	USB-Hub & Sound, Speaker (2x2W)
Speakers	-	Speaker (2x2W)	-
Headphone	-	-	-
GPS	-	-	-
Operating System	-	-	-
Input Voltage Nominal	-	-	-
Input Voltage Min/Max	7,5 to 33 VDC	7,5 to 33 VDC	7,5 to 33 VDC
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	-
Input Power	-	12 V	12 V
Operating Temperature	-20°C to 70°C	-20°C to 70°C	-20°C to 70°C
Storage Temperature	-30°C to 85°C	-30°C to 85°C	-30°C to 85°C
Relative Humidity	5% to 90%	5% to 90%	5% to 90%
Protection	IP30	IP30	IP30
Certification	e1 (Vehicle)	e1 (Vehicle)	e1 (Vehicle)
Dimensions	284 x 232 x 43/22 mm	378.21 x 233.10 x 43/22 mm	378.21 x 233.10 x 43/22 mm
Weight	DMXX1170: 1.325g, DMXX1171: 1.600g, DMXX1172: 1.650g	2.250g	DMXX1173-1: 2.250g, DMXX2010: 540g
Material	Aluminum	Aluminium	Plastic
Typ. Application	Automotive	Automotive	Automotive

Selection Guide High-End Fahrzeugmonitore



DeltaVarioMon 12,1" Typ 3 Automotive Monitor



DeltaVarioMon 12,1" Typ 3 w/ handholds



DeltaVarioMon 12,1" Typ 3 w/ handholds+docking

Bestellinformation	Artikel-Nr. DMXX1170 DeltaVarioMon 12,1" Typ 3 XGA w/o Touch, LCD-TFT Monitor Alu-housing 1.600cd/m², VGA+DVI Artikel-Nr. DMXX1171 DeltaVarioMon 12,1" Typ 3 XGA w/ Touch, LCD-TFT Monitor Alu-housing 1.600cd/m², VGA+DVI Artikel-Nr. DMXX1172 DeltaVarioMon 12,1" Typ 3 XGA w/ Touch, Hub&Sound, LCD-TFT Monitor Alu-housing 1.600cd/m², VGA+DVI	Artikel-Nr. DMXX1173 DeltaVarioMon 12,1" Typ 3 XGA w/Touch+Hub&Sound, TFT-monitor 1.600cd/m², VGA+DVI, handholds, standard ports Artikel-Nr. DMXO3000 Option DeltaVarioMon 12,1" mit Haltegriff, Schaumstoff - Knieauflage	Artikel-Nr. DMXX1173-1 DeltaVarioMon 12,1" Typ 3 XGA w/ Touch + Hub & Sound, TFT-Monitor 1.600cd/m², VGA+DVI, handholds, docking connection stripe Artikel-Nr. DMXO3000 Option DeltaVarioMon 12,1" mit Haltegriff, Schaumstoff - Knieauflage Artikel-Nr. DMXZ2010 Kabelsatz mit Monitorwechseleinheit , für DeltaVarioMon 12,1" Typ 3 mit Haltegriffen, 6m
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DeltaVarioMon 13,3" Typ 1 Automotive Monitor

DeltaVarioMon 13,3" Typ 2 Automotive Monitor

DeltaVarioMon 15,6" Typ 5 Automotive Monitor

LCD Size	13,3"	13,3"	15,6"
Active Area	294,5 x 166 mm (H x V)	294,5 x 166 mm (H x V)	344,16 x 193,59 mm (H / V)
Pixel Pitch	-	-	-
Aspect Ratio	16:9	16:9	16:9
Display Backlight	LED Backlight	LED Backlight	LED Backlight
Display Resolution	1080p (1.920x1.080)	1080p (1.920x1.080)	1080p (1.920x1.080)
Display Colors	16,2M	16,2M	16,2M
Brightness	1.200 cd/m ² (adjustable brightness 0-100% via Poti (manuel) and light sensor (autom.))	1.200 cd/m ² (adjustable brightness 0-100% via Poti (manuel) and light sensor (autom.))	1.200 cd/m ² (adjustable brightness 0-100% via Poti (manuel) and light sensor (autom.))
Contrast Ratio	800:1	800:1	1.000:1
Response Time	25ms	25ms	25ms
Viewing Angle	178°/178° (H/V)	178°/178° (H/V)	170°/170° (H/V)
Anti Reflection Glass	-	x	x
Sunlight Readable	-	-	x
MTBF	-	-	-
TouchScreen	Analog resistive TouchScreen (DMXX1181/-1)	Projected capacitive TouchScreen	analog-resistive with USB interface (DMXX1251/-1)
Keypad	-	-	-
OSDMenu	x	x	x
Cooling System	Fan	Fan	Fan
Mounting System	VESA 75 for rugged holding concept VESA	VESA 75 for rugged holding concept VESA	VESA 75 for rugged holding concept VESA
SD	-	-	-
Graphic Interface	VGA/CRT, DVI, HDMI, DisplayPort	VGA/CRT, DVI, HDMI, DisplayPort	VGA/CRT, DVI, DisplayPort
Interface USB	IN Typ B + OUT Typ A (optional) USB 2.0	IN Typ B + OUT Typ A (optional) USB 2.0	IN Typ B + OUT Typ A (optional) USB 2.0
Camera	-	-	-
Sound	-	-	-
Audio	USB-Hub & sound amplifier with poti and LINE-IN (optional)	USB-Hub & sound amplifier with poti and LINE-IN (optional)	USB-Hub & sound amplifier with poti and LINE-IN (optional)
Speakers	2x Stereo-loudspeaker 2W (optional)	2x Stereo-loudspeaker 2W (optional)	2x Stereo-loudspeaker 2W (optional)
Headphone	-	-	-
GPS	-	-	-
Operating System	-	-	-
Input Voltage Nominal	-	-	-
Input Voltage Min/Max	7.5 to 33 VDC	7.5 to 33 VDC	7.5 to 33 VDC
Output Voltage Nominal	-	-	-
Output Voltage Min/Max	-	-	-
Input Current	-	-	-
Input Power	-	-	-
Operating Temperature	-20°C to +60°C	-20°C to +60°C	-30°C to +70°C
Storage Temperature	-20°C to +70°C	-20°C to +70°C	-40°C to +70°C
Relative Humidity	95%	95%	95%
Protection	Protection against reverse polarity and transients	Protection against reverse polarity and transients	Protection against reverse polarity and transients
Certification	e1 (Vehicle)	e1 (Vehicle)	e1 (Vehicle)
Dimensions	323,5 x 209 x 45,1 mm (L x H x D)	320 x 188,5 x 42,8 mm (L x H x D)	374,2 x 237,6 x 45,1 mm (L x H x D)
Weight	DMXX1180: 1.180 g, DMXX1180-1: 1.230 g, DMXX1181: 1.450 g, DMXX1181-1: 1.500 g	DMXX1182: 1.926 g DMXX1182-1: 2.000 g	DMXX1250: 1.830 g, DMXX1250-1: 1.880 g, DMXX1251: 2.100 g, DMXX1251-1: 2.150 g
Material	Aluminum housing with black powder coating surface	Aluminum housing with black powder coating surface	Aluminum housing with black powder coating surface
Typ. Application	Automotive, Mobile	Automotive, Mobile	Automotive, Mobile

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DeltaVarioMon 13,3" Typ 1 Automotive Monitor

DeltaVarioMon 13,3" Typ 2 Automotive Monitor

DeltaVarioMon 15,6" Typ 5 Automotive Monitor

Bestellinformation	DeltaVarioMon 13,3" Typ 1 Automotive Monitor	DeltaVarioMon 13,3" Typ 2 Automotive Monitor	DeltaVarioMon 15,6" Typ 5 Automotive Monitor
	Artikel-Nr. DMXX1180 DeltaVarioMon 13,3" Typ 1 FHD w/o TouchScreen, LCD-TFT Monitor Alu-Housing, 1.200cd/m², DVI-I + HDMI + DP Artikel-Nr. DMXX1180-1 DeltaVarioMon 13,3" Typ 1 FHD w/o TouchScreen, w/ Hub+Sound, LCD-TFT Monitor Alu-Housing, 1.200cd/m², DVI-I + HDMI + DP Artikel-Nr. DMXX1181 DeltaVarioMon 13,3" Typ 1 FHD w/ resistive TouchScreen, LCD-TFT Monitor Alu-Housing, 1.200cd/m², DVI-I + HDMI + DP Artikel-Nr. DMXX1181-1 DeltaVarioMon 13,3" Typ 1 FHD w/ resistive TouchScreen & Hub+Sound, LCD-TFT Monitor Alu-Housing, 1.200cd/m², DVI-I + HDMI + DP	Artikel-Nr. DMXX1182 DeltaVarioMon 13,3" Typ 2 FHD w/ PCT, LCD-TFT Monitor Alu-Housing, 1.200cd/m², DVI-I + HDMI + DP Artikel-Nr. DMXX1182-1 DeltaVarioMon 13,3" Typ 2 FHD w/ PCT & Hub+Sound, LCD-TFT Monitor Alu-Housing, 1.200cd/m², DVI-I + HDMI + DP	Artikel-Nr. DMXX1250 DeltaVarioMon 15,6" Typ 5 FHD w/o TouchScreen, LCD-TFT Monitor Alu-Housing, 1.200cd/m², VGA + DVI-D + DP Artikel-Nr. DMXX1250-1 DeltaVarioMon 15,6" Typ 5 FHD w/o TouchScreen, w/ Hub+Sound, LCD-TFT Monitor Alu-Housing, 1.200cd/m², VGA + DVI-D + DP Artikel-Nr. DMXX1251 DeltaVarioMon 15,6" Typ 5 FHD w/ resistive TouchScreen, LCD-TFT Monitor Alu-Housing, 1.200cd/m², VGA + DVI-D + DP Artikel-Nr. DMXX1251-1 DeltaVarioMon 15,6" Typ 5 FHD w/ resistive TouchScreen & Hub+Sound, LCD-TFT Monitor Alu-Housing, 1.200cd/m², VGA + DVI-D + DP

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Selection Guide High-End Fahrzeugmonitore



DeltaVarioMon 15,6" Typ 3 Automotive Monitor

DeltaVarioMon 15,6" Typ 6 Automotive Monitor

DeltaTerminal 7" Automotive Monitor

LCD Size	15,6"	15,6"	7"
Active Area	344,16 x 193,59 mm (H/V)	344,16 x 193,59 mm (H / V)	153,6 x 90 mm (B/H)
Pixel Pitch	-	-	0,05 x 0,15 mm (B/H)
Aspect Ratio	16:9	16:9	-
Display Backlight	LED Backlight	LED Backlight	LED Backlight
Display Resolution	1080p (1.920x1.080)	1080p (1.920x1.080)	WSVGA (1.024x600)
Display Colors	16,7M	16,2M	16M
Brightness	600 cd/m² (adjustable brightness 0-100% via Poti (manuel) and light sensor (autom.))	1.200 cd/m² (adjustable brightness 0-100% via Poti (manuel) and light sensor (autom.))	850cd/m²
Contrast Ratio	800:1	1.000:1	700:1
Response Time	30ms	25ms	20ms
Viewing Angle	160°/145° (H/V)	170° / 170° (H / V)	150°/145° (H/V)
Anti Reflection Glass	x	x	-
Sunlight Readable	-	x	x
MTBF	-	-	-
TouchScreen	PCT (projected capacitive TouchScreen)	projected capacitive TouchScreen	Projected Capacitive TouchScreen
Keypad	-	-	-
OSDMenu	x	x	-
Cooling System	Fan	Fan	Fan
Mounting System	VESA 75 for rugged holding concept VESA	VESA 75 for rugged holding concept VESA	-
SD	-	-	-
Graphic Interface	VGA/CRT, DVI, DisplayPort, S-Video, Composite/CVBS	VGA/CRT, DVI, DisplayPort	LCD-LVDS
Interface USB	IN Typ B + OUT Typ A (optional) USB 2.0	IN Typ B + OUT Typ A (optional) USB 2.0	USB
Camera	-	-	-
Sound	-	-	DSP-Sound (Noise-Reduction)
Audio	USB-Hub & sound amplifier with poti and LINE-IN (optional)	USB-Hub & sound amplifier with poti and LINE-IN (optional)	1x Microphone
Speakers	2x Stereo-loudspeaker 2W (optional)	2x Stereo-loudspeaker 2W (optional)	1x Speaker
Headphone	-	-	-
GPS	-	-	-
Operating System	-	-	-
Input Voltage Nominal	-	-	Spannungsversorgung vom Rechnersystem
Input Voltage Min/Max	7.5 to 33 VDC	7.5 to 33 VDC	Spannungsversorgung vom Rechnersystem
Output Voltage Nominal	-	-	Spannungsversorgung vom Rechnersystem
Output Voltage Min/Max	-	-	Spannungsversorgung vom Rechnersystem
Input Current	-	-	Spannungsversorgung vom Rechnersystem
Input Power	-	-	Spannungsversorgung vom Rechnersystem
Operating Temperature	0°C to +70°C	-30°C to +70°C	-20°C to 70°C
Storage Temperature	-20°C to +80°C	-40°C to +70°C	-30°C to 80°C
Relative Humidity	95%	95%	-
Protection	Protection against reverse polarity and transients	Protection against reverse polarity and transients	-
Certification	e1 (Vehicle)	e1 (Vehicle)	e1 (Vehicle)
Dimensions	398,2 x 247,5 x 40,6 mm (L x H x D)	398,2 x 247,5 x 42,8 mm (L x H x D)	193 x 122 x 21,2 / 41,7 mm (B x H x T)
Weight	DMXX1212: 2.850g, DMXX1212-1: 2.900g	DMXX1260: 3.152 g, DMXX1260-1: 3.200 g	774 g (total)
Material	Aluminum housing with black powder coating surface	Aluminum housing with black powder coating surface	Aluminum
Typ. Application	Automotive, Mobile	Automotive, Mobile	Industrial, Automotive

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Selection Guide High-End Fahrzeugmonitore



DeltaVarioMon 15,6" Typ 3 Automotive Monitor

DeltaVarioMon 15,6" Typ 6 Automotive Monitor

DeltaTerminal 7" Automotive Monitor

Bestellinformation	Artikel-Nr. DMXX1212 DeltaVarioMon 15,6" Typ 3 FHD w/ PCT, LCD-TFT Monitor Alu-Housing, 600cd/m², DVI-I+DP+Video Artikel-Nr. DMXX1212-1 DeltaVarioMon 15,6" Typ 3 FHD w/ PCT & Hub+Sound, LCD-TFT Monitor Alu-Housing, 600cd/m², DVI-I + DP + S-Video + Video Composite	Artikel-Nr. DMXX1260 DeltaVarioMon 15,6" Typ 6 FHD w/ PCT, LCD-TFT Monitor Alu-Housing, 1.200cd/m², VGA/CRT + DVI-D + DP Artikel-Nr. DMXX1260-1 DeltaVarioMon 15,6" Typ 6 FHD w/ PCT & Hub+Sound, LCD-TFT Monitor Alu-Housing, 1.200cd/m², VGA/CRT + DVI-D + DP	Artikel-Nr. PKBD3000 DeltaTerminal 7", w/ Projected Capacitive TouchScreen, DSP-Sound & RFID, WSVGA Auflösung, Helligkeit 850cd/m², Kontrast 600:1
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Selection Guide High-End Fahrzeugmonitore



DeltaTerminal 8,4" Typ 1 Automotive Monitor



DeltaTerminal 8,4" Typ 2 Automotive Monitor



DeltaTerminal 10,4" Automotive Monitor

LCD Size	8,4"	8,4"	10,4"
Active Area	170.4 x 127.8 mm (H/V)	170.4 x 127.8 mm (H/V)	210.4 x 157.8 mm (H/V)
Pixel Pitch	0.213 x 0.213 mm (H/V)	0.213 x 0.213 mm (H/V)	-
Aspect Ratio			
Display Backlight	LED Backlight	LED Backlight	LED Backlight
Display Resolution	SVGA (800x600)	SVGA (800x600)	XGA (1.024x768)
Display Colors	262.000	16.2M / 262K	16.2M
Brightness	450 cd/m²	1.600 cd/m²	500 cd/m²
Contrast Ratio	600:1	600:1	1.200:1
Response Time	30ms	35ms	25ms
Viewing Angle	160°/140° (H/V)	160°/160° (H/V)	176°/176° (H/V)
Anti Reflection Glass	x	x	x
Sunlight Readable	x	x	x
MTBF	-	-	-
TouchScreen	4-wire resistive	4-wire resistive	4-wire resistive
Keypad	-	-	-
OSDMenu	-	-	-
Cooling System	Fan	Fan	Fan
Mounting System	VESA	VESA	VESA
SD	-	-	-
Graphic Interface	LCD-LVDS	LCD-LVDS	LCD-LVDS
Interface USB	USB	USB	USB
Camera	-	-	-
Sound	-	-	-
Audio	1x Audio-In, 1x Mic.in, 1x Mic-Out, 2x Speaker (2W)	1x Audio-In, 1x Mic.in, 1x Mic-Out	1x Audio-in, 1x Mic-in, 1x Mic-out, 2x Speaker (2W)
Speakers	-	2x Speaker (2W)	-
Headphone	-	-	-
GPS			
Operating System			
Input Voltage Nominal	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem
Input Voltage Min/Max	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem
Output Voltage Nominal	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem
Output Voltage Min/Max	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem
Input Current	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem
Input Power	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem	Spannungsversorgung vom Rechnersystem
Operating Temperature	-30°C to 85°C	-20°C to 70°C	-30°C to 70°C
Storage Temperature	-30°C to 85°C	-20°C to 70°C	-30°C to 80°C
Relative Humidity	-	-	-
Protection	IP30	IP30	-
Certification	e1 (Vehicle)	e1 (Vehicle)	e1 (Vehicle)
Dimensions	220 x 180 x 23/39 mm	220 x 180 x 23/39 mm	236 x 193 x 36 mm
Weight	1.000g	1.000g	1.150g
Material	Aluminum	Aluminum	Aluminum
Typ. Application	Industrial, Automotive	Industrial, Automotive	Industrial, Automotive

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DeltaTerminal 8,4" Typ 1 Automotive Monitor



DeltaTerminal 8,4" Typ 2 Automotive Monitor



DeltaTerminal 10,4" Automotive Monitor

Bestellinformation	Artikel-Nr. PKBD2000 DeltaTerminal 8,4" Typ 1, w/ resistive TouchScreen, SVGA resolution, brightness 450cd/m², contrast 600:1	Artikel-Nr. PKBD2002 DeltaTerminal 8,4" Typ 2, w/ resistive TouchScreen, SVGA resolution, brightness 1.600cd/m², contrast 600:1	Artikel-Nr. PKBD2100 DeltaTerminal 10,4", w/ resistive TouchScreen, XGA resolution, brightness 500cd/m², contrast 1200:1
	Artikel-Nr. PKBD2000-4 DeltaTerminal 8,4" Typ 1, w/ resistive TouchScreen + Hub&Sound, SVGA resolution, brightness 450cd/m², contrast 600:1	Artikel-Nr. PKBD2003 DeltaTerminal 8,4" Typ 2, w/ resistive TouchScreen + Hub&Sound, SVGA resolution, brightness 1.600cd/m², contrast 600:1	Artikel-Nr. PKBD2101 DeltaTerminal 10,4", w/ resistive TouchScreen + Hub&Sound, XGA resolution, brightness 500cd/m², contrast 1200:1

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DeltaTerminal 12,1" Automotive Monitor

LCD Size	12,1"
Active Area	245.76 x 184.32 mm (H/V)
Pixel Pitch	-
Aspect Ratio	-
Display Backlight	LED Backlight
Display Resolution	XGA (1.024x768)
Display Colors	16.2M
Brightness	600 cd/m²
Contrast Ratio	700:1
Response Time	16ms
Viewing Angle	160°/140° (H/V)
Anti Reflection Glass	x
Sunlight Readable	x
MTBF	50.000 hrs
TouchScreen	4-wire resistive
Keypad	-
OSDMenu	-
Cooling System	Fan
Mounting System	VESA
SD	-
Graphic Interface	LCD-LVDS
Interface USB	USB
Camera	-
Sound	-
Audio	1x Audio-in, 1x Mic-in, 1x Mic-out, 2x Speaker (2W)
Speakers	-
Headphone	-
GPS	-
Operating System	-
Input Voltage Nominal	Spannungsversorgung vom Rechnersystem
Input Voltage Min/Max	Spannungsversorgung vom Rechnersystem
Output Voltage Nominal	Spannungsversorgung vom Rechnersystem
Output Voltage Min/Max	Spannungsversorgung vom Rechnersystem
Input Current	Spannungsversorgung vom Rechnersystem
Input Power	Spannungsversorgung vom Rechnersystem
Operating Temperature	-30°C to 70°C
Storage Temperature	-30°C to 80°C
Relative Humidity	-
Protection	-
Certification	e1 (Vehicle)
Dimensions	279 x 220.5 x 37.4 mm
Weight	1.400g
Material	Aluminum
Typ. Application	Industrial, Automotive

Selection Guide High-End Fahrzeugmonitore

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**DeltaTerminal 12,1" Automotive
Monitor**

Bestellinformation

Artikel-Nr. PKBD2200
DeltaTerminal 12.1", w/ resistive TouchScreen,
XGA resolution, brightness 600cd/m², contrast
700:1

Artikel-Nr. PKBD2201
DeltaTerminal 12.1", w/ resistive TouchScreen
+Hub&Sound, XGA resolution, brightness
600cd/m², contrast 700:1

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