

Selection Guide

Video Overlay & Annotation

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eVAC2000



eVAC4000



VMIX104

PC/104 (96 x 90 mm)	-	-	
PC/104-Plus (96/99 x 90 mm)	-	-	
PCI/104	-	X	
PCI/104-Express (96/99 x 90/117mm)	-	-	
PCIe/104	-	-	
Controller	-	-	-
SD			
HD SATA			
Graphic Interface	VGA/CRT	VGA/CRT, DVI, HDMI, S-Video	8x Composite/CVBS
Interface COM			
CAN	-	-	-
Interface USB	-	-	-
Interface LAN	-	-	-
Mini PCIe	-	-	-
Camera	-	-	-
Video Input	2x analog composite input	4x concurrent composite NTSC/PAL/RS-170	4x analog NTSC/PAL (from 8)
Resolution	-	-	-
Format NTSC	X	X	-
Format CCIR601-NTSC	-	-	-
Format PAL	X	X	-
Format CCIR-PAL	-	X	-
Format RS-170	-	X	-
Format SECAM	X	-	-
Format RGB	-	-	-
Format YCbCr	-	-	-
Adjustment Software	-	-	-
Processing	-	-	-
Encoding	-	-	-
Decoding/Playback	-	-	-
Codec	-	-	-
Performance	-	-	x4 full frame rate @ D1
Overlay Features	-	-	Alpha-blended text/graphics for the output channel
Video Output	-	-	-
Video Latency			
Audio	-	-	-
SIM Card	-	-	-
GPS			
PCI	-	-	-
PCIe	-	-	-
ISA	-	-	X
PC/104	-	-	X
PC/104-Plus	-	-	-
PCI/104	X	X	-
PCI/104-Express	-	-	-
PCIe/104	-	-	-
Operating System	-	-	-
Operating System Support	Windows2000, XP, XPE, Linux, QNX	Windows, Linux	WIN, Linux
Input Voltage Nominal	5V	5V	5V
Input Voltage Min/Max	-	-	-
Input Power	-	-	-
Battery	-	-	-
Operating Temperature	0°C to 60°C	0°C to 60°C	0°C to 60°C
Extended Operating Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Protection	-	-	-
MTBF	-	-	-
Certification	-	-	-
Dimensions	90.17 x 95.89 mm	-	90 x 96 mm
Weight	-	-	-
Material	-	-	-
Typ. Application	-	-	-

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eVAC2000



eVAC4000



VMIX104

Bestellinformation

Artikel-Nr. PPPF6064
eVAC2000, 0°C to 60°C, PCI/104 Video Annotation
Controller Board

Artikel-Nr. PPPF6064-1
eVAC2000, -40°C to 85°C, PCI/104 Video
Annotation Controller Board

Artikel-Nr. PPPF6068
eVAC4000, 0°C to 60°C, Video Annotation and
Overlay Controller

Artikel-Nr. PPPF6068-1
eVAC4000-Ext., -40°C to 85°C, Video Annotation
and Overlay Controller

Artikel-Nr. PPPF6015
VMIX104, PC/104 Board, 0°C to 60°C, Video
overlay/annotation controller

Artikel-Nr. PPPF6015-1
VMIX104-Ext., PC/104 Board, -40°C to 85°C,
Video overlay/annotation controller

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AVC8000X



AVC4000



VAC2000

PC/104 (96 x 90 mm)			
PC/104-Plus (96/99 x 90 mm)			
PCI/104			
PCI/104-Express (96/99 x 90/117mm)			
PCle/104			
Controller	-	-	-
SD			
HD SATA			
Graphic Interface	-	8x Composite/CVBS	2x S-Video, 4x Composite/CVBS
Interface COM			
CAN	-	-	-
Interface USB	-	-	-
Interface LAN	-	-	-
Mini PCIe	-	-	-
Camera	-	-	-
Video Input	8x analog NTSC/PAL	4x analog NTSC/PAL (from 8)	2x analog NTSC/PAL (from 6)
Resolution	-	-	-
Format NTSC	-	-	-
Format CCIR601-NTSC	-	-	-
Format PAL	-	-	-
Format CCIR-PAL	-	-	-
Format RS-170	-	-	-
Format SECAM	-	-	-
Format RGB	-	-	-
Format YCbCr	-	-	-
Adjustment Software	-	-	-
Processing	-	-	-
Encoding	-	-	-
Decoding/Playback	-	-	-
Codec	-	-	-
Performance	-	x1 full frame rate @ D1 x4 full frame rate @ CIF High speed alpha-blended overlay	x2 full frame rate @ D1
Overlay Features	-		High speed alpha-blended graphics overlay & video mixing
Video Output	-	-	-
Video Latency	<40ms		
Audio	8x Mono Audio Inputs	-	-
SIM Card	-	-	-
GPS			
PCI	-	x	x
PCle	1x	-	-
ISA	-	x	x
PC/104	-	-	-
PC/104-Plus	-	x	x
PCI/104	-	-	-
PCI/104-Express	-	-	-
PCle/104	-	-	-
Operating System	-		
Operating System Support	-	WIN, Linux, QNX	WIN, Linux, QNX
Input Voltage Nominal	5V	5V	5V
Input Voltage Min/Max	-	-	-
Input Power	-	-	-
Battery	-	-	-
Operating Temperature	0°C to 60°C	0°C to 60°C	0°C to 60°C
Extended Operating Temperature	-40°C to 85°C	-40°C to 85°C	-40°C to 85°C
Protection	-	-	-
MTBF	-	-	-
Certification	-	-	-
Dimensions	-	90 x 96 mm	90 x 96 mm
Weight	-	-	-
Material	-	-	-
Typ. Application	-	-	-

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AVC8000X



AVC4000



VAC2000

Bestellinformation

Artikel-Nr. PPPF6026
AVC8000X, PC/104-Express Board, 0°C to 60°C,
8x D1 Video Framegrabber and overlay controller

Artikel-Nr. PPPF6026-1
AVC8000X-EXT, PC/104-Express Board, -40°C to
85°C, 8x D1 Video Framegrabber and overlay
controller

Artikel-Nr. PPPF6010
AVC4000, PC/104+ Board, 0°C to 60°C, 4-channel
video frame grabber

Artikel-Nr. PPPF6010-1
AVC4000-Ext., PC/104+ Board, -40°C to 85°C,
4-channel video frame grabber

Artikel-Nr. PPPF6014
VAC2000, PC/104+ Board, 0°C to 60°C,
Multi-channel video annotation/overlay controller

Artikel-Nr. PPPF6014-1
VAC2000-Ext., PC/104+ Board, -40°C to 85°C,
Multi-channel video annotation/overlay controller

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PC/104 (96 x 90 mm)	
PC/104-Plus (96/99 x 90 mm)	
PCI/104	
PCI/104-Express (96/99 x 90/117mm)	
PCIe/104	
Controller	
SD	
HD SATA	
Graphic Interface	-
Interface COM	
CAN	
Interface USB	1x USB 2.0
Interface LAN	-
Mini PCIe	x
Camera	
Video Input	4x concurrent composite PAL / NTSC / RS-170
Resolution	
Format NTSC	x
Format CCIR601-NTSC	x
Format PAL	x
Format CCIR-PAL	x
Format RS-170	x
Format SECAM	
Format RGB	
Format YCbCr	
Adjustment Software	
Processing	
Encoding	
Decoding/Playback	
Codec	
Performance	
Overlay Features	Single / Quad channel & PIP
Video Output	Composite PAL / NTSC
Video Latency	
Audio	
SIM Card	
GPS	
PCI	
PCIe	
ISA	
PC/104	
PC/104-Plus	
PCI/104	
PCI/104-Express	
PCIe/104	
Operating System	
Operating System Support	Drivers for Windows & Linux (other OS by request)
Input Voltage Nominal	
Input Voltage Min/Max	
Input Power	
Battery	
Operating Temperature	0°C to 60°C
Extended Operating Temperature	-40°C to 85°C
Protection	
MTBF	
Certification	-
Dimensions	
Weight	
Material	
Typ. Application	-

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nanoQuad

Bestellinformation

Artikel-Nr. PPPX6040
nanoQuad, Video Mixer, 0°C to 60°C, 4x
PAL/NTSC/RS-170 video inputs, MiniPCle

Artikel-Nr. PPPX6040-1
nanoQuad-EXT, Video Mixer, -40°C to 85°C, 4x
PAL/NTSC/RS-170 video inputs, MiniPCle

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