

GeViScope-HS/E

Extension unit for the basic versions
GeViScope-HS/R, -HS/HR and -SE



Product information

Compact extension unit for up to 4 digital signal processor cards of type DVSP4 providing an easy extension of the Enterprise Surveillance System GeViScope with up to 16 analog video and audio channels. Because of its very slim design of only 2 HU in combination with an excellent price/performance ratio and latest USB technology, the extension unit is suited for already existing and planned surveillance systems on GeViScope basis. The device offers a step by step extension and is available in 4 different channel configurations 4Ch, 8Ch, 12Ch and 16Ch.

- | Easy connection via external USB cable
- | Slim and space-saving design (only 2 HU)
- | Expandable step by step via plug in boards from 4 up to 8, 12 and 16 video and audio channels
- | Future-oriented conceptual design using highly flexible, digital signal processors (DSP)
- | Flexible and modular system architecture in combination with software based function packages

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Competence in Video Security

Technical data

	GeViScope- HS/E/4Ch	GeViScope- HS/E/8Ch	GeViScope- HS/E/12Ch	GeViScope- HS/E/16Ch
Video & Audio				
Videonorm	CCIR / PAL (EIA / NTSC: Availability on request) Studio quality (Sampling rate 13.5 MHz)			
Resolution M-JPEG & MPEG4CCTV	704 (H) x 288 (V) pixel (interlaced), 352 (H) x 288 (V) pixel (CIF), 176 (H) x 144 (V) pixel (QCIF), 4 CIF resolution on request 8 Bit luminance, 8 Bit chrominance			
Video inputs	16 x composite video (BNC-sockets, 1 Vpp / 75 Ohm), activation of 4, 8, 12 or 16 video inputs depending on number of inserted compression boards			
Audio inputs	16 x stereo (Cinch-sockets, 2 Veff at 0 dBFS), activation of 4, 8, 12 or 16 stereo channels depending on number of inserted compression boards, Sampling rates supported: 32 kHz, 44.1 kHz and 48 kHz, 16 Bit			
Interfaces				
Control inputs	16 internal control inputs, sabotage monitored (switchable)			
Relay outputs	8 internal relay outputs, 24 V DC, 1 A			
USB	1 x USB 2.0 interface (Type B), at rear side			
Recording & Transmission				
Picture rates M-JPEG	50/60 fps (CCIR/EIA) per channel processed: 25/30 fps (CCIR/EIA) for recording and 25/30 fps (CCIR/EIA) for live streaming per channel (Dual channel streaming)			
MPEG4CCTV	2,5Mbit/s @ 2CIF resolution (50% M-JPEG) per channel			
Compression settings	Variable GOP length - VGL Variable frame rate - VFR Variable variable bit rate - VBR Constant picture quality - CPQ			
Latency times MPEG4CCTV	Transmission: Low latency times < 150 ms comparable to M-JPEG Time synchronous playback in real time like M-JPEG Change over times/Display: Without delays like M-JPEG Extremely optimized rewind display function without interruptions			
General				
Power supply	Internal mains unit: 100 - 240 V AC / 60 - 50 Hz ± 10 %, 0.7 - 0.3 A, 50 W			
Power consumption	Approx. 35 W fully equipped with 4 DVSP4 cards			
Mains connector	IEC 320 C13 appliance connector			
Environmental temperature	0 °C to + 40 °C			
Dimensions in mm: 19"-version	4 HE x 440 mm (depth)			
Desktop version	443 x 95 x 440 (W x H x D)			
Weight	Approx. 8.5 kg net (with 4 DVSP4 cards)			
Order no.	0.34810	0.34811	0.34812	0.34813

Technical alterations reserved

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