

re_porter

Business Surveillance System



Product information

The basic unit provides 4, 8, 12 or 16 analog camera channels (BNC sockets). As a hybrid system it supports up to 16 IP-cameras of the most famous IP-camera suppliers - also megapixel cameras, suitable for a variety of applications. Its network compatibility allows to expand the system by adding an unlimited number of units. The permanent and event-triggered recording is possible with a maximum picture frame rate of 25 pictures/s per channel - at all picture formats. The unit provides an audio channel and allows lip-synchronous replay. The well proven Activity Detection is also part of the package. Compression is effected using MPEG4CCTV, the GEUTEBRÜCK-compression compliant with all standards and optimized for video surveillance purposes.

- | Hybrid recorder and virtual matrix all in one
- | Future-oriented conceptual design using highly flexible, digital signal processors (DSP)
- | Preconfigured software, for fast and cost effective commissioning
- | Open interfaces and SDK's (Software Development Kits)
- | Intelligent bandwidth management for relieving networks and reducing storage requirements
- | MPEG4CCTV – Video compression perfected for video security applications

GEUTEBRÜCK

Competence in Video Security

Technical data

Video & Audio	re_porter-4	re_porter-8	re_porter-12	re_porter-16
Videonorm	CCIR / PAL and EIA / NTSC , Studio quality (Sampling rate 13.5 MHz)			
Resolution MPEG4CCTV	704 (H) x 576 (V) pixel (4CIF [Frames]), 704 (H) x 288 (V) pixel (2CIF [field/interlaced]), 352 (H) x 288 (V) pixel (CIF), 176 (H) x 144 (V) pixel (QCIF), 8 bit luminance, 8 bit chrominance			
Video inputs	Up to 16 Geutebrück video sources, comprising 4 x composite video (BNC-sockets, 1 Vpp / 75 Ohm) via DVSP4, 12 optional analog video sources via CAM2IP, additionally 3 IP based cameras can be connected (license required). Non used DVSP4 channels alternatively can be used for licensing IP based cameras.			
Audio inputs	1 x stereo (line in, stereo jack connector 3.5 mm), Sampling rates supported: 32 kHz, 44.1 kHz and 48 kHz, 16 bit			
Supported network cameras	re_porter supports the direct display and storage of many of the following network camera types: JVC, AXIS, ARECONTVISION, IQInVision, Sony, Sanyo, Bosch and Mobotix. The recording rate strongly depends on the type of network camera. Currently only M-JPEG picture streams can be recorded and displayed.			
Supported resolutions	Standard & Megapixel cameras can be recorded and displayed with all supported resolutions.			
Video & Audio (outputs)				
Video outputs for live and recorded pictures	1 x 15-pin VGA-connector or DVI output (SVGA, SXGA, UXGA, 16.7 million colors, resolution depending on connected monitor up to 1600 x 1200 pixel)			
Audio outputs	1 x stereo (line out, stereo jack connector 3.5 mm)			
Interfaces				
Control inputs	16 internal control inputs, sabotage monitored (switchable)			
Relay outputs	8 internal relay outputs, 24 V DC, 1 A			
Serial	1 x serial interface (RS-232), only expandable via USB to serial adapters or via PCI-Express extension board			
USB	8 x USB 2.0 interfaces (2 front / 6 rear)			
Ethernet	1 x Ethernet 10/100/1000 Base-T interface			
PC-Keyboard, Mouse	PS/2 or USB-connectors at the rear side of the unit			
Recording & Transmission				
Picture rates MPEG4CCTV	Separate processing of storage and live transmission (DualChannelStreaming) 5Mbit/s @ 4CIF resolution per channel			
Compression settings	Variable GOP length - VGL / Variable frame rate - VFR Variable variable bit rate - VBR / Constant picture quality - CPQ			
Network data reduction concepts	Dynamic Live Streaming (DLS) - Only required data will be transmitted Intelligent Compression Dynamics (ICD) - Only relevant informations are processed with high quality			
Storage data reduction concepts	Fading Long Term Memory (FLTM) - Long term data reduction by definition Region Of Non Interest (RONI) - Irrelevant picture areas can be defined and processed at low quality levels			
Latency times MPEG4CCTV	Transmission: Low < 150 ms Time synchronous playback in real time Change over times/Display: Without delays Extremely optimized rewind display function without interruptions			
Database throughput	Up to 100 Frames per second (4 channels x 25 Fps/channel)			
Display throughput(Live/ Recorded pictures)	Livestream: Up to 400 pictures/s in all available formats (Dynamic Live Streaming) Recorded pictures - time sync GSCView- windows: Up to 400 fps [2CIF] Recorded pictures - time asynchronous GSCView-windows: Approx. 250 - 350 fps [2CIF] (All values corresponds to a separate evaluation station equipped with an Intel Core 2 Duo > 2.4 GHz, 1 GB RAM accessing one re_porter-16 unit, all readings are given as total sum over all GSCView-windows)			
Soft-matrix	Real „live transmission“ with max. 25 Fps per each available video channel (analog sources) Network cameras can be transmitted with their supported frame rate per channel (digital sources)			
Storage media				
Internal	Max. 2 S-ATA hard discs for the multimedia database and the operation system, only limited by current HDD capacities (e.g. 2 x 1 TB)			
External	Optional external storage media on request			
General				
Operating system	Windows XP embedded on the configurable S-ATA hard disc			
Main memory	2 x 512 MB RAM			
Power supply	Mains unit: 110 - 240 V AC / 60 - 50 Hz ± 10 %, 300 W			
Power consumption	Approx. 115 W			
Mains connector	IEC 320 C13 appliance connector			
Environmental temperature	0 °C to + 35 °C			
Dimensions in mm: 19"-version	3 HE x 415 mm (depth)			
Desktop version	443 x 135 x 415 (W x H x D)			
Weight	Approx. 11.6 kg (incl. 2 hard disks)			
Order no.	0.34834	0.34835	0.34836	0.34837

re_porter_EN 28.11.2008

Technical alterations reserved

GEUTEBRÜCK GmbH

Im Nassen 7-9 | D-53578 Windhagen | Tel. +49 (0)2645 137-0 | Fax-999 E-mail: info@geutebrueck.com | Web: www.geutebrueck.de