VIDEO SERVER



Highlights

- Real-time network transmission of up to 4 simultaneous video streams in D1 resolution (750 X 576 pixels)
- MPEG-4 compression for high quality video streams
 (DVD quality) and individual images
- Variable video image size, image rate and bandwidth
- Serial interface
- Optimally tuned for use with MULTIEYE-HYBRID and/or NET systems
- Easy integration into third-party systems via HTTP API
- Multicasting and Internet streaming
- CIF up to full D1 resolution at 30/25 FPS per channel
- Digital time code integrated into each channel
- Hardware motion recognition per channel
- Two-way audio per channel
- 2 optoisolated digital inputs and outputs per channel
- Serial interface

Real-time video server

With the new video servers, you have at your disposal powerful real-time encoders for the easy integration of existing analog cameras or other video sources. When connected directly to an IP network, remote locations can be incorporated into the surveillance and managed and recorded. This integration reduces costs as well as securing your previous investments.

The video servers have been optimally conceived for combination with MULTIEYE-HYBRID/NET or HYBRID recorders, but they can also be utilized as separate solutions for IP-based video transmission. They offer MPEG-4 transmission with up to 25 (PAL) or 30 (NTSC) images per second in the 4CIF format - per input.

Depending on the model, one or four video inputs are available. In addition, the units also provide RS232/485 interfaces, bi-directional audio as well as alarm inputs and switch outputs. The video encoders are configured by means of a standard web browser.

Delivery contents

- 230 V AC power supply
- Network connection cable
- Terminal clamps

A	rticle-no.	Description
	840750	ACD2100, I-channel video server
	840700	ACD 3100, 1-channel video decoder
	112822	ACD 2200, 4-channel video server

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Technical data

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Туре	ACD 2100	ACD 3100	ACD 2200		
Video inputs (Single mode)	Ix analog composite, BNC (I Vss)	-	4x analog composite, BNC (I Vss)		
Video outputs (Single mode)	Ix loop out, analog composite, BNC	I	Ix Quad, analog composite, BNC		
Videonorm		PAL / NTSC			
Audio inputs	Ix mono	Ix mono	4x mono		
Audio outputs	Ix mono	Ix mono	4x mono		
Alarm inputs	2x DI	2 TTL	8x DI		
Outputs	2x DA	2 TTL	8x DA		
COM-Ports	lx	lx	4x		
Network	Ix 10/100 Base-T				
Video standard	MPEG-4				
Video data rate	Variable				
Video resolution	Full D1 (720x480 in NTSC, 720x576 in PAL) CIF (352x240 in NTSC, 352x288 in PAL) QCIF (160x112 in NTSC, 176x144 in PAL) (per channel)				
Variable image rates	Yes				
Audio standard	PCM				
Audio data rate	8 Bit/s				
Audio sampling rate	8 kHz				
Motion detection	3 areas programmable	-	3 areas programmable		
Network protocols	HTTP, SMTP, DHCP, UDP, TCP, IP, RTP, RTSP, FTP, PPPoE (Unicast, Multicast)				
Software update	via Website				
Configuration	Via web browser (web server integrated)				
Input voltage	230 V AC (IA) / I2 V DC	230 V AC (IA) / I2 V DC	230 V AC (3A) / 12 V DC		
Power consumption	7,5 W	10,3 W	16,0 W		
Dimensions W x D x H in mm	112 x 119 x 37,2	112 x 119 x 37,2	170 × 149 × 42,7		
Weight	0,35 kg	0,35 kg	0,82 kg		
Operating temperature		0 - 40 °C (20 - 80% Rh)			
Authorizations	CE, UL				

