

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

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

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Technical data

Type	ACD 2100	ACD 3100	ACD 2200
Video inputs (Single mode)	1x analog composite, BNC (1 Vss)	-	4x analog composite, BNC (1 Vss)
Video outputs (Single mode)	1x loop out, analog composite, BNC	1	1x Quad, analog composite, BNC
Videonorm	PAL / NTSC		
Audio inputs	1x mono	1x mono	4x mono
Audio outputs	1x mono	1x mono	4x mono
Alarm inputs	2x DI	2 TTL	8x DI
Outputs	2x DA	2 TTL	8x DA
COM-Ports	1x	1x	4x
Network	1x 10/100 Base-T		
Video standard	MPEG-4		
Video data rate	Variable		
Video resolution	Full DI (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 (1A) / 12 V DC	230 V AC (1A) / 12 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 x 149 x 42,7
Weight	0,35 kg	0,35 kg	0,82 kg
Operating temperature	0 - 40 °C (20 - 80% Rh)		
Authorizations	CE, UL		

