

MVE – MULTIEYE® VIDEO ENCODER



Highlights

- Real-time network transmission of up to 4 simultaneous video streams in D1 resolution (720x576 pixels)
- MPEG-4 and MJPEG compression for high quality video streams (DVD quality) and individual images
- Variable image size, image rate and band width
- Serial interface for accessing PTZ cameras or integrating cash points / ATM data (DataLog module necessary)
- Optimally tuned for use with MULTIEYE-HYBRID/NET systems
- Can also be used as a stand-alone solution, prepared as a self-sufficient recorder with external USB storage
- Easy integration into third-party systems via http, API
- Multi-casting and Internet streaming

MULTIEYE Real-time Video Encoder – MVE

With the new MULTIEYE video encoders, the MVE 1000/2000/4000, you have at your disposal powerful real-time encoders for the easy integration of existing analogue 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 MVE have been especially conceived for combination with MULTIEYE-HYBRID/NET or HYBRID recorders, but they can also be utilized as separate solutions for IP-based video transmission. MVE encoders offer MPEG4/MJPEG transmission with up to 25(PAL) or 30(NTSC) images per second in the 4CIF format – per input.

According to the model, 1, 2 or 4 video inputs are available. In addition, the devices also provide USB and RS232/485 interfaces, bidirectional audio as well as alarm inputs and switch outputs. MVE encoders are configured using a standard web browser.

Delivery contents:

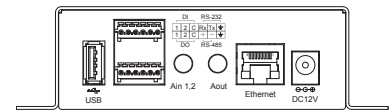
- 230 V AC power supply
- Network connection cable
- Audio cable
- Terminal clamps

Article no.	Item
112802	MVE 1000, 1-channel video encoder
112803	MVE 2000, 2-channel video encoder
112804	MVE 4000, 4-channel video encoder

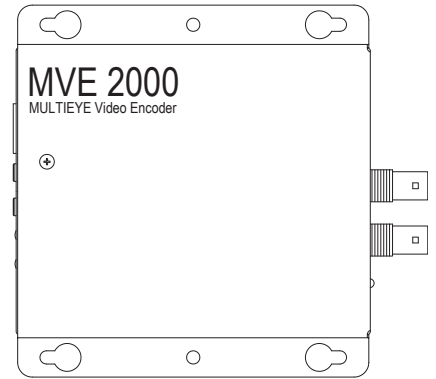
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Technical data

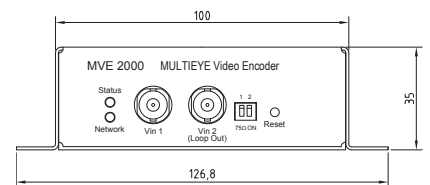
Type	MVE 1000	MVE 2000	MVE 4000
Video inputs (Single Mode)	1x analogue composite, BNC (1 Vss)	2x analogue composite, BNC (1 Vss)	4x analogue composite, BNC (1 Vss)
Video inputs (Dual Mode)	-	1x analogue composite, BNC (1 Vss)	2x analogue composite, BNC (1 Vss)
Video outputs (Single Mode)	1x Loop out, analogue composite, BNC	-	1x Quad, analogue composite, BNC
Video outputs (Dual Mode)	-	1x Loop out, analogue composite, BNC	2x Loop out, analogue composite, BNC
Video norm	PAL / NTSC		
Audio inputs	1x mono	2x mono	4x mono
Alarm inputs	2x DI	2x DI	4x DI
Outputs	2x DA	2x DA	4x DA
COM ports	1x RS-232C, 1x RS-485		
USB	USB		
Network	1x 10/100 Base-T		
Internal storage	CF, IDE (optional)		
Video standards	MPEG-4, MJPEG		
Video data rate	adjustable		
Video resolution	720 x 576 (25/30 ips), 720 x 288 (25/30 ips), 352 x 288 (25/30 ips)		
GOP Structure	I, IP		
Var image rates	Yes		
Audio standards	G.711		
Audio data rate	16 Bit/s		
Audio sampl rate	16 kHz		
Stream types	MPEG -4 elementary video stream		
Video stream Encryption	AES		
Motion Detection	3 areas programmable		
Network protocols	HTTP, SMTP, DHCP, UDP, TCP, IP, RTP, RTSP (Unicast, Multicast)		
Power over Ethernet	Yes, IEEE 802.3af (optional)		
Software update	Flash Download		
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	4,3 W	6,6 W	10,2 W
Dimensions W x D x H in mm	100 x 120 x 35	100 x 120 x 35	134 x 163 x 35
Weight	0,47 kg	0,47 kg	0,70 kg
Operating temperature	0 - 60 °C (20 - 80% Rh)		
Authorization	CE, UL		



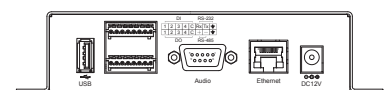
< Rear View >



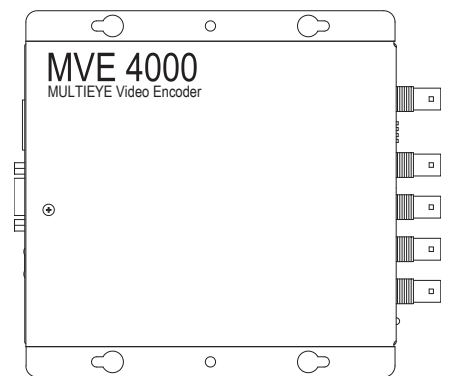
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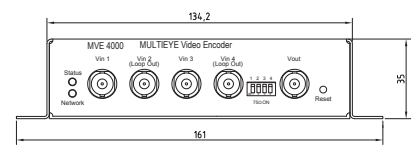
< Front View >



< Rear View >



< Top View >



< Front View >