



MER-34R160300A

Article number: 218313

Multisignal HD Video Recorder 16-Channel, HD-SDI, EX-SDI, AHD, CVI, 960H, HD-TVI, IP

Mainfeatures

16-Channel Multisignal Recorder

Automatic signal and resolution detection

HDMI and VGA video outputs (Main/Spot operation)

Programmable composite Spot Monitor output

Image data export via USB 2.0, POS interface

Access via mobile, browser and CMS

Resolution cameras up to 4 megapixel

IP, HD-SDI, EX-SDI, HD-TVI, AHD, CVI, 960H, Composite

Resolution Main Video out UHD 3840x2160

H.264 video compression standard

Digital Zoom in Live and Playback mode

eSATA connection, front keyboard with jog shuttle

Specifications

Signal format	HD-SDI (1.485 Gbps), EX-SDI (270 Mbps), HD-TVI, Composite (FBAS), AHD, CVI
Compression standard	H.264
Display:	
Playback	full screen, 4 channel split, 6 channel split, 8 channel split, 9 channel split, 13 channel split, 16 channel split
Zoom function	in full screen mode (live and playback operation)
Recording:	
Operation mode	Pentaplex
Max. recording resolution	2560x1440
Recording speed	200 fps @ 2560x1440, 400 fps @ 1920x1080, 400 fps @ 1280 x 720, 400 fps @ 960 x 540, 400 fps @ 704 x 576
Max. recording rate	200 fps, @ 2560x1440

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Continued Specifications

Recording	permanent, timer, movement, contact, panic, PoS-Text, event
Pre-alarm recording	up to 10sec..
Post-alarm recording	up to 60sec.
Export of images or clip	USB-port external HDD
Features:	
Motion detector	Free selectable areas
Alarm notification	e-mail notification, alarm output, remote software, Live Pop up, Spot Pop up, Buzzer, PTZ Preset
Alarm triggers	contact, motion detection, video loss, disk error, PoS-Text
Password protection	administrator & users
Digital signature	watermark
Menu languages	English, German, French, Spanish, Italian, Russian, Portugese, Polish, Turkish, Hungarian, norwegisch, Swedish, Finnish, Persian, Japanese, Korean, Chinese, Taiwanese, Thai, Slovenian
Mobile access	iPhone, Android OS
Remote access	Microsoft Internet Explorer, Mozilla Firefox (live image only), Safari (live image only), remote software
Search function	date/time, event, calendar, text, Thumbnail, Panorama, Instant Playback
Event logs	yes
Time synchronization	NTP
Covert camera mode	yes
Patrol mode	yes
Network:	
Network	10/100/1000 Base-Tx, RJ45
Network protocols	TCP/IP, HTTP, DHCP, NTP, UPnP
Interfaces / Inputs / Outputs:	
IP channels	8
Channels total	16
Video inputs	BNC-female, automatic resolution and signal detection
Video inputs (amount)	16
Main video outputs	HDMI (4K), VGA
Spot monitor	HDMI, VGA, composite (CVBS)
Alarm inputs	16x TTL, programmable as NC/NO
Alarm outputs	2x NO/NC contact
Audio inputs	RCA, 16
Audio output	RCA / HDMI
Serial interfaces	RS-232, RS-485
Serial interfaces protocols	Pelco D, Pelco P, Fastrax, Pelco C (UTC / HD-TVI)
System requirements:	
Operation system	Linux
General:	
Dimensions (HxWxD)	88x430x420mm

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Continued Specifications

19" Rack mountable	yes
Number of HDD (internal)	max. 8 x SATA
Control units (external)	mouse, remote control
Colour	anthracite / black
Harddisk capacity (internal)	3 TB
Max. harddisk capacity (internal)	64 TB
Housing	Metal/Plastic
Weight	10.5kg
Integrated writer	no
Power consumption	280W
Supply voltage	100-230VAC, 50/60Hz
Temperature range (operation)	+5°C ~ +45°C
Text insertion interface	ATM/POS, 4 chann. max.
Scope of delivery:	
Parts supplied	manual, IR remote controller, power cord, HDD assembly-kit, mouse, remote viewer software, 19" rack mount angle
Notes:	

Special features





Up to 8 IP cameras @ 4Megapixel

Channels can be assigned with IP and / or different HD and SD signal formats, (mixed operation possible eg: 4x HD-SDI, 5xIP, 3x HD-TVI, 2x Composite, 2x AHD).

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Available Accessories

Image	Prod. No / Label	Description
	207186 / HDR_MER_CMS	Remote Software MER-32xx, MER-22xx and HDR-50xx Recorder Series
	211105 / eneo Raid Box	Expansion Unit, 5-Bay, without HDD, eSATA, Desktop
	214070 / IAM-5EE1001MTA	IP KVM Switch, Transmitter, HDMI, USB, RS232, IR, Audio via Ethernet
	214157 / IAM-5EE1001MRA	IP KVM Switch, Receiver, HDMI, USB, RS232, IR, Audio via Ethernet
	215230 / VM-4K40M	40" (102cm) LED Monitor, 4K UHD, 60fps, DVI HDMI, SDI, VGA, Audio
	216598 / VM-4K28M	28" (72cm) LED Monitor, 4K UHD, 60fps, DVI, HDMI, SDI, VGA, Audio
	216599 / VM-4K55M	55" (140cm) LED Monitor, 4K UHD, 60fps, DVI, HDMI, SDI, VGA, Audio
	216600 / VM-4K75M	75" (190cm) LED Monitor, 4K UHD, 60fps, DVI, HDMI, SDI, VGA, Audio
	216959 / CON-HDD eneo	Hard-Drive Installation Service
	217657 / HDD-3000SATA Purple	Hard Disk Drive 3TB, SATA, for eneo Video Recorders, expansion
	217658 / HDD-2000SATA Purple	Hard Disk Drive 2TB, SATA, for eneo Video Recorders, expansion

www.		217659 / HDD-4000SATA Purple	Hard Disk Drive 4TB, SATA, for eneo Video Recorders, expansion
		217660 / HDD-6000SATA Purple	Hard Disk Drive 6TB, SATA, for eneo Video Recorders, expansion
		218583 / HDD-8000SATA Purple	Hard Disk Drive 8TB, SATA, for eneo Video Recorders, expansion
		217652 / KBD-2USB	System Keyboard with 3-Axis Joystick, Jog Shuttle, USB, RS-485, 12VDC

Your Contact Person



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