E Series NVRs
16CH E5016 & 8CH E1008

The AVer E series embedded Linux full HD NVRs lead the way for a new generation of high performance, cost-effective surveillance recorders, designed to achieve exceptional image quality and excellent reliability. The E series NVRs support up to 5 megapixels per channel and work seamlessly with thousands of camera models. They offer excellent preview performance and an impressive throughput rates, recording all channels using tri-codec compression.

Seamless camera integration

The E series NVRs are fully integrated with AVer IP cameras to fulfill its vital role in AVer's smart surveillance solution. With plug and play support, setup of AVer IP cameras is fast and hassle-free, and advanced camera features, like Smart Stream, Region of Interest, motion detection, can all be set directly via the NVR. With Intelligent Streaming, preview from AVer IP cameras is significantly boosted, allowing for real-time preview for all channels.

Expandable storage

The ultra-compact E1008, designed for smaller projects, can be outfitted with a built-in HDD, additional storage space can be achieved through the e-SATA port. The E5016, recommended for medium to large scale applications, comes equipped with 4 removable HDD trays and internal RAID support (level 0, 1) to enhance data storage efficiency and reliability.

Standardized intuitive GUI

The inventive, user-friendly design of the E series' graphical user interface (GUI) aims to make NVR setup as convenient as possible, with hierarchical, tree view camera listings, simplified click-and drag preview selection, as well as a set of built-in smart tools like resolution manager and HDD calculator. Moreover, the user interface is standardized for local sites (NVRs) and remote sites (CM5000), significantly reducing training time and related costs.

Easy POS integration

The E series NVRs support easy point of sale (POS) integration, allowing users to connect POS systems without any additional data processing devices. With POS integration, live transaction data is overlaid onto live camera images, facilitating quick review and analysis of items sold through keyword filtering.

Remote management

The E series NVRs come equipped with a bundle of remote access applications and management software. The CM5000, AVer's next generation of central management software (CMS), offers full remote control over NVRs and enhanced functionality. AVer's AndroidViewer and iViewer mobile access applications help managers and others to stay on top of events in today's dynamic business environment.
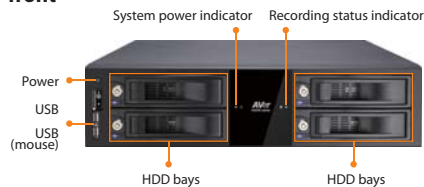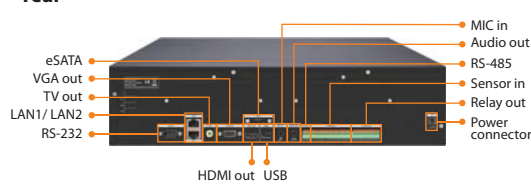
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		E5016	E1008
system			
operating system		embedded Linux	
total channel number		16	8
max. IP camera input		16	8
performance			
display		2M @ 120fps	
recording	resolution	up to 5 megapixels for one channel, and a total of 32 megapixels for all channels in H.264 / MPEG-4 / MJPEG format	up to 5 megapixels for one channel, and a total of 16 megapixels for all channels in H.264 / MPEG-4 / MJPEG format
throughput		120 Mbps	60 Mbps
storage	internal HDD capacity	4 SATA HDDs (4 removable HDD trays)	1 SATA HDD
	internal RAID support	yes (level 0, 1)	-
	external HDD support	e-SATA HDD or RAID x 1	e-SATA HDD x 1
backup	internal DVD-RW	- (supports external DVD-RW)	
interface			
monitor	VGA output	1 (1920 x 1080)	
	HDMI output	1 (1920 x 1080)	
	TV output	1 (supports multi-quad output)	
	spot output	-	
audio	input	via IP camera	
	output	1 line-out	
MIC	input	1 line-in	
alarm	sensor (alarm) input	16 input voltage: max. DC 6V	4 input voltage: max. DC 6V
	relay output	4 (NO/NC) voltage range: AC 125V / DC 30V switching current: max. 1A	2 (NO/NC) voltage range: AC 125V / DC 30V switching current: max. 1A
network	Ethernet (RJ45)	2 (10/100/1000 Base-T)	
ports	e-SATA	1	
	RS-232RS-232	1 (D-sub 9 pins, male)	-
	RS-485	1 set (Tx+, Tx-, Rx+, Rx-)	
	USB 2.0	3 (2 ports on front panel, 1 port on rear panel)	
general			
electrical	power input	90W power adaptor, DC 19V	48W power adapter, DC 12V
environmental	operating temperature	0℃~40℃	
	operating humidity	90% RH	
mechanical	dimensions (W x H x D)	430 x 105 x 410 mm	245 x 50 x 160 mm
	weight (net)	8 kg	0.8 kg

E5016

front
- Power
- USB
- USB (mouse)
- System power indicator
- Recording status indicator
- HDD bays
- HDD bays

rear
- eSATA
- VGA out
- TV out
- LAN1/ LAN2
- RS-232
- HDMI out
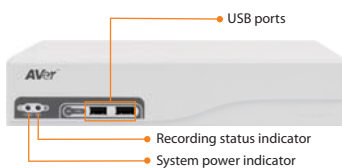- USB
- MIC in
- Audio out
- RS-485
- Sensor in
- Relay out
- Power connector

optional accessory

rack ears

E1008

front
- USB ports
- Recording status indicator
- System power indicator

rear
- LAN1 / LAN2
- VGA out
- TV out
- eSATA
- MIC in
- Audio out
- USB
- HDMI out
- Power connector
- Relay out
- Sensor in
- RS-485

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