

E5016 16CH full HD NVR

The AVer E5016 embedded Linux HD NVR leads the way for a new generation of high performance, cost-effective NVRs, designed to achieve exceptional image quality and excellent reliability. The E5016 supports up to 5 megapixels per channel and a total of 32 megapixels for all channels. It offers PC-like preview performance with an impressive throughput rate of 120 Mbps, recording all 16 channels using tri-codec compression.



Seamless camera integration

The E5016 is 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; advanced camera features, like Smart Stream, Region of Interest (ROI), motion detection, privacy zone and focus / zoom (MFZ), 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 16 channels.



Expandable storage

The E5016 comes equipped with 4 removable HDD trays and internal RAID support (level 0,1,10*) to enhance data storage efficiency and reliability. Additional storage space can be achieved through the e-SATA port dedicated for external devices like external HDDs or RAID disk arrays. The E5016's total storage capabilities can reach 28TB for non-stop recording of all channels in full HD1080p resolution and high quality for about one month.



Standardized intuitive GUI

The inventive, user-friendly design of the E5016's 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 (CMS), significantly reducing training time and related costs.



Easy POS integration

The E5016 supports easy point of sale (POS) integration, allowing users to connect up to 5 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 E5016 comes 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.

E5016

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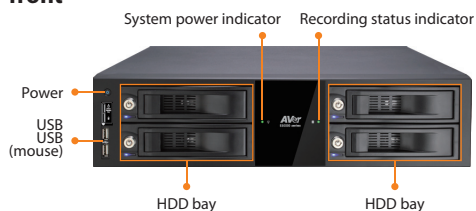


model		E5016
system		
operating system		embedded Linux
total channel numbers		16
max. IP camera input		16
performance		
recording	resolution	up to 5 megapixels for one channel, and a total of 32 megapixels for all channels in H.264 / MPEG-4 / MJPEG format
network throughput		120 Mbps
storage	internal HDD capacity	4 SATA HDDs (4 removable HDD trays)
	internal RAID support	yes (level 0, 1, 10)*
	external HDD support	e-SATA HDD or RAID x 1
backup	internal DVD-RW	-
interface		
monitor	VGA output	1 (1920 x 1080)
	HDMI output	1 (1920 x 1080)
	SPOT monitor output	1 (supports multi-quad output)
audio	input	via IP camera
	output	1 line-out
MIC	input	1 line-in
alarm	sensor (alarm) inputs	16 input voltage: max. DC 6V
	relay output	4 (NO/NC) voltage range: AC 125V / DC 30V switching current: max. 1A
network	Ethernet (RJ45)	2 (10/100/1000Base-T)
connection	e-SATA	1
	RS-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
environmental	operating temperature	0°C to 40°C
	operating humidity	90% RH
mechanical	dimensions (W x H x D)	430 x 105 x 410 mm
	weight (net)	8kg

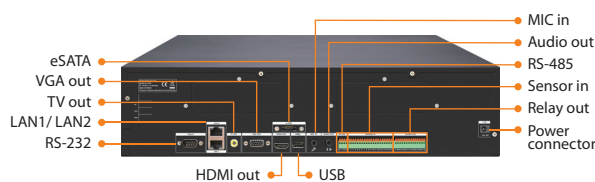
* Planned for August 2013.

E5016

front



rear



optional accessory



Rack ear