E5016

The AVer E5016 full HD NVR leads the way for a new generation of high performance, cost-effective network recorders, 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 (2M @ 120fps) and an impressive throughput rate of 120 Mbps, recording all 16 channels using tri-codec compression.

Full HD 1080 **HDMI** **Onvif**

features

seamless camera integration

expandable storage

standardized intuitive GUI

easy POS integration

remote management

key features

- supports up to 16 IP cameras (network cameras)
- supports H.264 / MJPEG / MPEG-4 compression (tri-codec)
- PC-like preview performance of 2M @ 120fps
- excellent recording performance with up to 120 Mbps throughput rate
- 4 removable HDD trays with internal RAID support (levels 0,1)*
- e-SATA interface for extended hard disk or RAID storage
- multiple output support including HDMI, VGA and TV out
- seamless AVer IP cameras integration for remote settings like Smart Stream, ROI, MFZ*
- standardized intuitive GUI, identical for local site (DVR/NVR) and remote site (CMS)
- supports easy POS integration without additional data processing devices
- advanced alarm management with multiple event conditions and trigger actions
- embedded smart tools like HDD calculator for quick estimation of expected recording time

- remote software integration: CMS – CM5000, mobile access applications – iViewer for iPhone & iPad, AndroidViewer for Android smartphones and tablets

(*available in October 2013)

specs

model	E5016	
system		
operating system	embedded Linux	
total channel number	16	
max. IP camera input	16	
performance		
display	2M @ 120fps	
recording	resolution	up to 5 megapixels per channel, and a total of 32 megapixels for all channels in H.264 / MPEG-4 / MJPEG format
throughput	120 Mbps	
storage	internal HDD capacity	4 SATA HDDs (4 removable HDD trays)
	internal RAID support	yes (levels 0,1)**
	external HDD capacity	e-SATA HDD or RAID x 1
	iSCSI support	-
backup	internal DVD-RW	-
interface		
monitor	VGA output	1 (up to 1920 x 1200)
	HDMI output	1 (up to 1920 x 1200)
	TV output	1 (supports hybrid multi-quad output)
	spot output	-
audio	input	via IP camera
	ouput	1 line-out
MIC	input	1 line-in
alarm	sensor (alarm) input	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 (10/100/1000 Base-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

* specifications are subject to change without prior notice

** This represents AVer's current view of its product development cycle and future directions. Please confirm availability with an AVer associate.

accessories

optional

rack ears