



EH1116H-4⁺

16CH Embedded Hybrid DVR

The Linux-based, AVer EH1116H-4⁺ hybrid DVR is ideal for medium to large scale security projects and retail chain stores. The EH1116H-4⁺ supports both analog video inputs and up to 4 IP camera channels with a total of 16 channels, allowing for camera selection flexibility while staying in budget. In addition to the advanced alarm notifications and POS integration features, the dual gigabit LAN support makes installation easier and more flexible.



Advanced alarm management

When video loss, scene change and/or a number of other abnormal events occur, the DVR's advanced alarm mechanisms trigger specific actions to address the situation, such as activating warning sirens, automatically uploading files to a remote server, recording, sending alarm notifications to the central management system (CMS), sending out emails and drawing attention to the screen by launching an E-map or a specified camera.



Plug and play

Connect any AVer IP camera to the EH1116H-4⁺ in a few simple steps with AVer's plug and play function. Just plug in the cameras to a PoE switch or hub that connects to the DVR, and watch as the DVR automatically detects every camera's IP address and has them all up and running with no further configurations.



POS integration

The AVer EH1116H-4⁺ easily integrates with up to 5 POS systems through its support of general POS protocol. The DVR receives all transaction data from the POS system and overlays the POS text on top of the live image for quick cross referencing. The transaction data is stored together with the recorded video so it can later be exported or used for advanced analysis, search, and playback.



Versatile remote software integration

The AVer EH1116H-4⁺ is compatible with AVer's CM3000 and CM3000 Gold Central Management System to achieve powerful centralized management of up to 1000 DVRs including the ability to create a TV-wall command center through AVer's Remote iMatrix software. EH1116H-4⁺ also comes integrated with mobile monitoring software, so users can view live video on iPhones, iPads, Android phones.

**Advanced
Alarm
management**

IS
Intelligent
Streaming

POS
integrate up
to 5

IP Camera
support up
to 4

CMS
1000 DVRs

Mobility
iViewer
AndroidViewer

**Access
Control
integration**

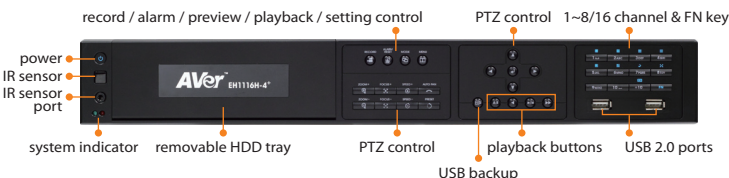
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16CH Embedded Hybrid DVR

		EH1116H-4*
system		
operating system		embedded Linux
total channel number		16
max. IP camera input		4
max. analog camera input		16
performance		
display (analog)		480 / 400fps (NTSC/PAL)
display (IP)		2M @ 6fps
recording (analog)	compression	H/W H.264
	resolution	NTSC: 352 x 240 (CIF), 720 x 240 (Half-D1), 720 x 480 (D1) PAL: 352 x 288 (CIF), 720 x 288 (Half-D1), 720 x 576 (D1)
	frame rate	CIF: 480 / 400fps
	(NTSC/PAL)	Half-D1: 240 / 200fps D1: 120 / 100fps
recording (IP)	resolution	up to 5 megapixels for one channel, and a total of 8 megapixels for all 4 IP camera channels in H.264 / MPEG-4 / MJPEG format
throughput		50 Mbps
storage	internal HDD capacity	2 SATA HDDs
	internal RAID support	-
	external HDD support	-
	iSCSI support	-
backup	internal DVD-RW	-
interface		
monitor	VGA output	1 (1024 x 768)
	HDMI output	1 (1024 x 768)
	TV output	1 (supports hybrid multi-quad output)
	spot output	1 (supports full screen output from analog camera channels with triggered alarms)
audio	input	4 line-in, 8 KHz sampling rate
	output	1 line-out
MIC	input	-
alarm	sensor (alarm) input	4 input voltage: max. DC 6V 1 (NO / NC)
		relay output voltage range: AC 125V / DC 30V switching current: max. 1A
	network	Ethernet (RJ45)
general		
electrical	power input	48W power adaptor, DC 12V
environmental	operating temperature	0°C ~ 40°C
	operating humidity	90% RH
mechanical	dimensions (W x H x D)	430 x 60 x 370 mm
	weight (net)	3.7 kg

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front



rear

