EH6000H Series

8CH / 16CH Embedded Hybrid DVR

The Linux-based, AVer EH6000H hybrid DVR series is designed for medium to large scale security projects. The EH6108H⁺ supports a total of 8 IP and analog video channels while EH6216H⁺ can support up to 16 channels. The advanced alarm notification mechanism and the POS integration features alert you whenever critical events occur. In addition, the dual gigabit LAN support make 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 image.

Intelligent streaming technology

With unique intelligent streaming technology for AVer's IP cameras, users can enjoy smooth preview images by selecting a channel's compression type, frame rate and quality for both remote and local DVR sites. The integrated dual streaming technology also optimizes streaming to remote sites by selecting frame rate and resolution when connected to analog cameras.

POS integration

The AVer EH6000H series 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 EH6000H series 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. EH6000H series also comes integrated with mobile monitoring software, so users can view live video on iPhones, iPads, Android phones.

Advanced Alarm management	Expandable Storage up to 4 HDDs e-SATA or RAID	IS Intelligent Streaming	CMS 1000 DVRs	POS integrate up to 5	Mobility iViewer AndroidViewer	Dual Gigabit LAN

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model		EH6216H+	EH6108H+
system			
total channel number		16	8
max. IP camera input		16	8
camera input (analog)		16 BNC connectors	8 BNC connectors
performance			
recording (analog)	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; Half-D1: 480 / 400fps; D1: 240 / 200fps	CIF: 240 / 200fps; Half-D1: 240 / 200fps; D1: 120 / 100fps
recording (IP)	resolution	up to 5 megapixels for one channel, and a total of 16 megapixels for all channels in H.264 / MPEG-4 / MJPEG format	
display (analog)	frame rate (NTSC/PAL)	480 / 400fps	240 / 200fps
storage	Internal HDD capacity	3 SATA HDDs optional*: up to 4 SATA HDDs (1 removable HDD tray)	
	external HDD support	e-SATA HDD or RAID x 1	
backup	internal DVD writer	yes (swappable with 1 HDD tray)	
interface			
monitor	VGA output	1 (1024 x 768)	
	spot monitor output	2 (full screen output from analog camera channels with triggered alarms)	
audio	input	16 line-in, 8KHz sampling rate	8 line-in, 8KHz sampling rate
	output	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 (10/100/1000Base-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 (front panel)	
general			
electrical	power input	90W power adaptor, DC 19V	
environmental	operating temperature	0°C to 40°C (32°F to 104°F)	
	operating humidity	90% RH	
mechanical	dimensions (W x H x D)	430 x 60 x 370 mm	
	weight (net)	5.7kg	

* installed upon assembly
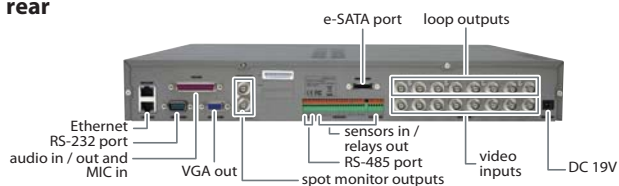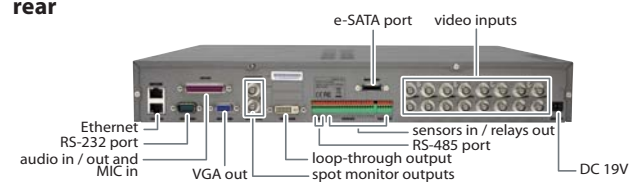
EH6000H Series

front (standard)

record / alarm / preview / playback / setting control
PTZ control
1~8/16 channel & FN key
power
IR sensor
IR sensor port
system indicator
removable HDD tray PTZ control
playback buttons
USB backup
USB 2.0 ports

front (optional)

DVD-RW

EH6108H+

rear

e-SATA port   loop outputs
Ethernet
RS-232 port
audio in / out and MIC in
VGA out
sensors in / relays out
RS-485 port
spot monitor outputs
video inputs
DC 19V

EH6216H+

rear

e-SATA port   video inputs
Ethernet
RS-232 port
audio in / out and MIC in
VGA out
loop-through output
spot monitor outputs
sensors in / relays out
RS-485 port
DC 19V

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