



AVer EH6000H Series

8/16CH H.264 embedded hybrid DVR

- Designed for medium to large scale security projects
- 8/16CH video inputs support both IP and analog cameras, increasing camera selection flexibility and easing budget restraints
- Supports H.264 H/W compression with real-time recording and display
- Embedded Linux operating system offers cost-effective yet reliable system performance without the worry of computer viruses
- Powerful advanced streaming technologies provide improved preview performance



Multiple streaming technologies

With unique intelligent streaming technology for AVer SF1311H series IP cameras, users can enjoy the smoothest preview images by selecting a channel's compression type, frame rate and quality for both remote and DVR sites. The integrated dual streaming technology also optimizes streaming to remote sites by selecting frame rate and resolution when fully connected to analog cameras.



Accelerated performance

The EH6000H series adopts higher CPU specifications for improved system performance. On top of that, it supports 3 internal SATA HDDs and 1 e-SATA interface, offering a large storage capacity to satisfy diverse project demands. Plus, the VGA output and two SPOT monitor outputs allow users to monitor live video simultaneously.

Dual Gigabit LAN support

The dual gigabit LAN support lets you easily establish a dual connection, making installation easier and more flexible for many different projects.



Excellent POS integration

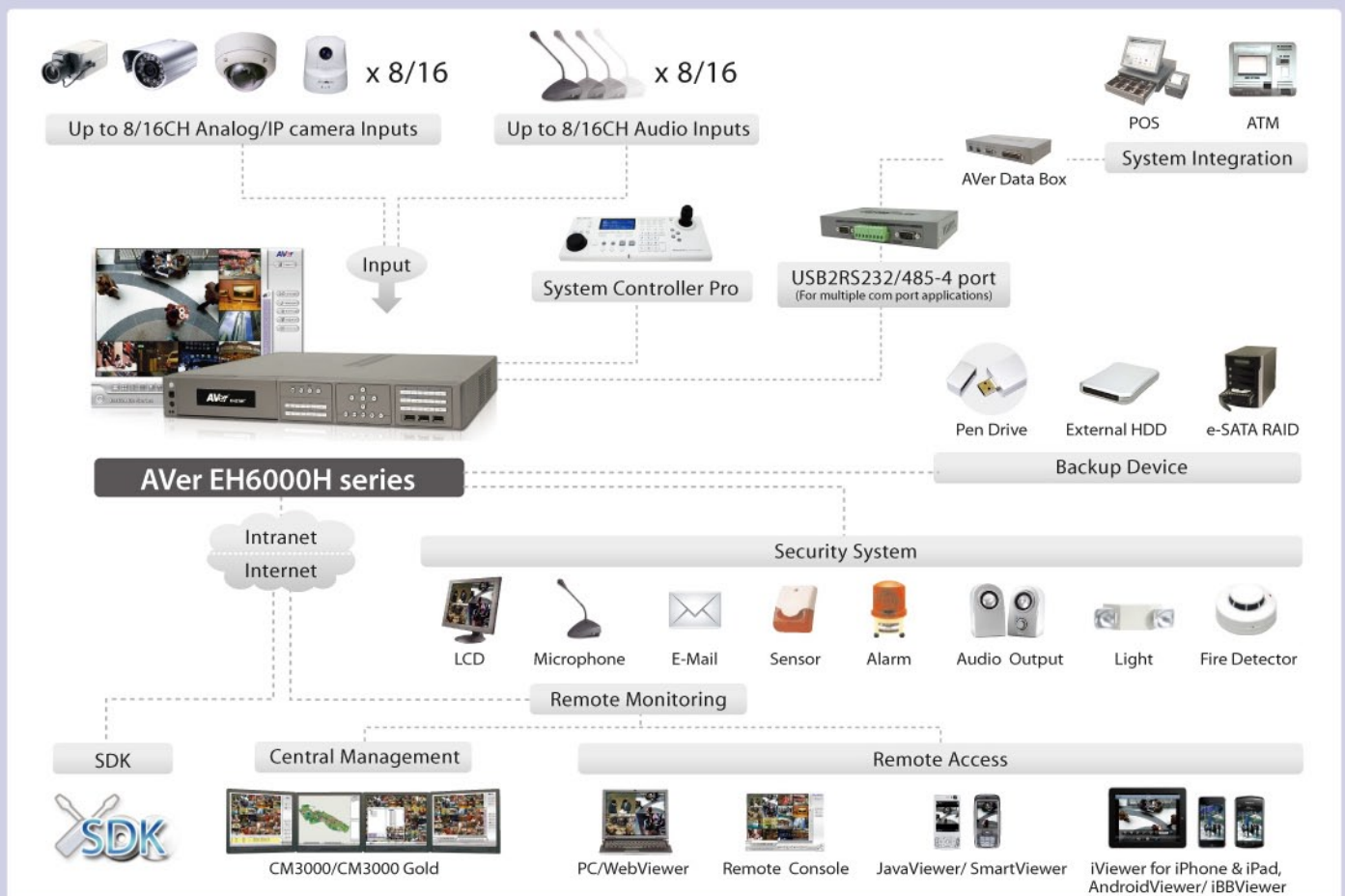
The EH6000H series is compatible with most commonly used POS systems, and the general POS protocol support allows you to add up to 5 POS systems easily. The EH6000H series can receive all transaction data from POS systems and overlay the POS text on live images with adjustable color settings.

Remote software integration

The EH6000H series is compatible with CM3000/CM3000 Gold for achieving powerful central management and integrated with remote monitoring software, letting users view live video on popular mobile devices such as iPhones, iPads, Android phones, and Blackberries.



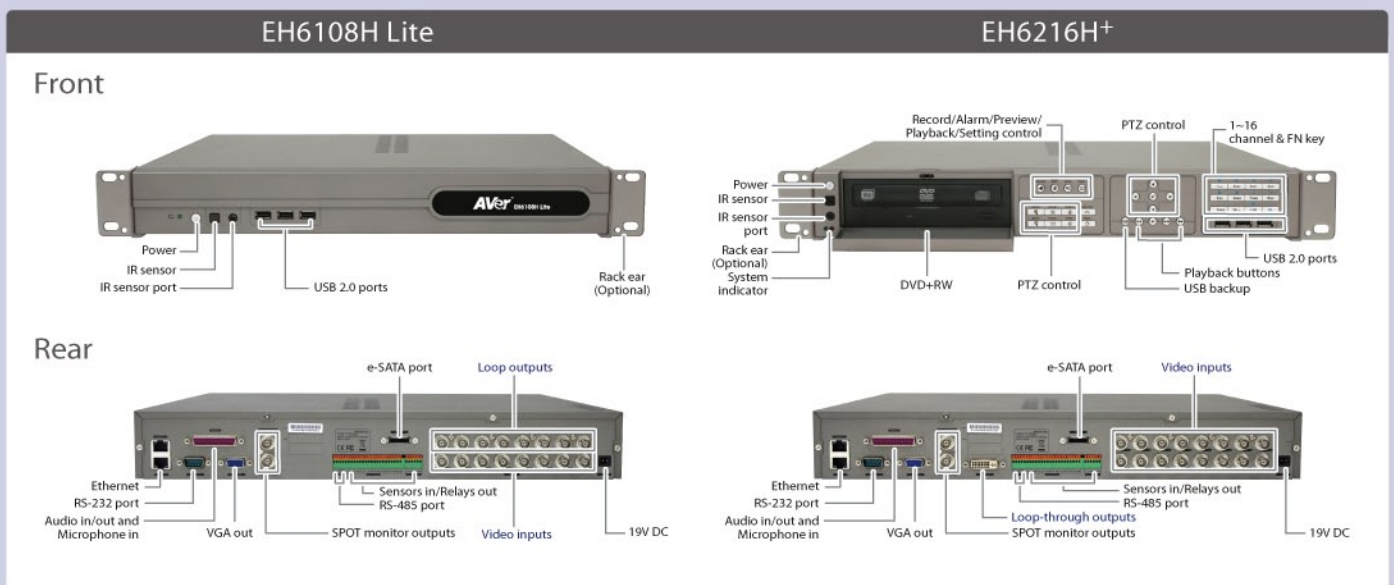
Application diagram



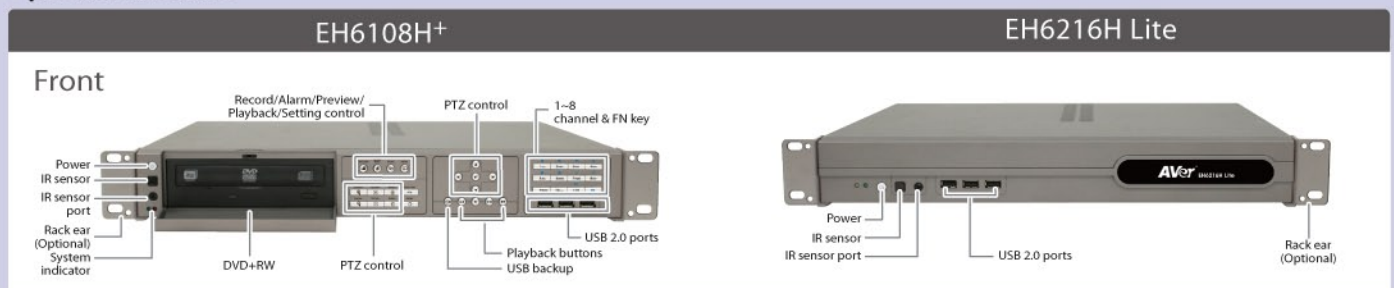
Software functions

local functions	
IP camera auto search	yes
recording modes	continuous recording/ smart recording/ motion recording/ alarm recording/ manual recording; all modes can be triggered by schedule
de-interlace options	optimized for dynamic or static camera scenes
2-way audio	yes
motion detection	detects any kind of movements within the camera focus
E-map function	8 maps and allows to show the positions of cameras, sensors, and relays
PTZ control	direction, focus, zoom, speed, preset, group, autopan
event search	by date/ time/ camera/ event/ log file
visual search	yes
bookmark	easily saves links to particular locations of recorded data and play them directly from the saved links
watermark	embedded watermark at output clip file
alarm setting	32 alarms
alarm triggered modes	single event or multiple events as alarm trigger conditions: video loss/ motion detection/ sensor input/ reboot/ abnormal reboot/ recording switch off/ network switch off/ HDD failed
smart alert functions	launch E-map/ 1-cam display/ SPOT monitor/ relay output/ IP camera relay/ play warning sound/ send E-mail/ start recording/ PTZ preset point/ send to CMS
user accounts	32
DDNS	allows remote clients to search dynamic servers without enquiring for server's IP address
remote functions	
central management	CM3000 supports up to 16 DVRs; CM3000 Gold supports up to 1,000 DVRs
remote access	WebViewer, PCViewer, Remote Console, JavaViewer, iViewer for iPhone & iPad, AndroidViewer, iBBViewer, SmartViewer
remote setup	change server setting remotely
remote backup	schedule or manual backup remotely
iEnhance	enhance video quality such as Brightness/ Contrast/ Hue/ Saturation/ Sharpness/ Noise Reduction/ De-interlace/ Gray Scale of recorded data
iStable	fix shaking and jolts impact on video with just one click

Product diagram



Optional modules



Product specifications

model		EH6108H Lite		EH6216H ⁺	
system					
operating system		embedded Linux			
total channel numbers		8 channels		16 channels	
camera inputs (analog)		8 BNC connectors		16 BNC connectors	
max IP camera inputs		8		16	
loop outputs (analog)		8		16	
composite video signal		1 Vpp, 75 Ohm			
performance					
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 (NTSC/PAL)	CIF: 240/200fps Half-D1: 240/200fps D1: 120/100fps		CIF: 480/400fps Half-D1: 480/400fps D1: 240/200fps	
recording (IP)	resolution	each individual channel can support a maximum of 2.3 megapixels MJPEG while the 1st channel is capable of supporting 5 megapixels MJPEG; each individual channel can support a maximum of 1.3 megapixels MPEG4/H.264			
display (analog)	frame rate (NTSC/PAL)	240fps/200fps		480fps/400fps	
storage	Internal HDD capacity	supports up to 3 SATA HDD (up to 2TB each)			
	external HDD	supports 1 external e-SATA HDD or RAID			
interface					
monitors	VGA outputs	1 (1024 x 768)			
	SPOT monitor outputs	2 (full screen output from alerted analog cameras)			
audio	inputs	8 line-in, 8KHz sampling rate		16 line-in, 8KHz sampling rate	
	outputs	1 line-out			
MIC	inputs	1 line-in			
alarm	sensor (alarm) inputs	16 (Input voltage: max. 6 VDC)			
	relay outputs	4 (NO/NC), voltage range: 125 VAC / 30 VDC, switching current: max. 1A			
network	Ethernet (RJ-45)	2 ports (10/100/1000Base-T)			
backup	DVD writer	no		yes	
connections	e-SATA	1 port			
	RS-232	1 (D-sub 9 pins, male)			
	RS-485	1 set (Tx+, Tx-, Rx+, Rx-)			
	USB 2.0	3 (3 ports on front panel)			
control	front key pad	no		yes	
general					
electrical	power input	90W power adapter, 19V DC			
	power consumption	approx. 60 W (with 3 HDD)		max. 75W (with 3 HDD + 1 DVD)	
environmental	operating temperature	0 °C to 40 °C (32 ° to 104 °F)			
	operating humidity	90% RH			
mechanical	dimensions (W x H x D)	430 x 60 x 370 mm			
	weight (net)	5.7kg			

Distributor/Dealer:



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