EH1000H-4 Nano Series

4 / 8 / 16CH Embedded Hybrid DVR

The compact, Linux-based AVer EH1000H-4 Nano series is ideal for small to medium-sized businesses, retail stores, and home security, due to its fan-less (4CH & 8CH) and mini-fan (16CH) designs. The EH1000H-4 Nano series provides hybrid capability supporting both IP and analog cameras. The EH1000H-4 series DVRs can connect up to 4 IP camera inputs for megapixel image quality in critical areas.

HDMI ONVIF

Compact hybrid solution for noise-sensitive applications

With a size equal to a paperback book and a price that's just right for small to medium-sized businesses, retail stores, and home use, the EH1000H-4 Nano series is the perfect choice for users looking to upgrade their existing security system while dealing with a tight budget and limited space.

Plug and play

Connect any AVer IP camera to the EH1000H-4 Nano series 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 and management via iPOS

The EH1000H-4 Nano series is compatible with most POS systems on the market, using general POS protocol integration to easily add POS systems through the AVer Data Box. With AVer's iPOS software, the EH1000H-4 Nano series can receive complete transaction data from POS systems which overlay on live images for advanced analysis, search, and playback.

Versatile remote software integration

It 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. The EH1000H-4 Nano series also comes integrated with AVer's mobile monitoring software, so users can view live video on iPhones, iPads, Android phones.

	noise		size	weight	shipping costs
EH Nano vs. 1U standalone	(4/8CH) 100%	(16CH) 40%	80%	70%	80%

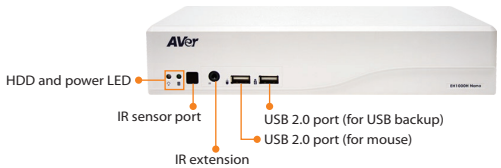
EH1000H-4 Nano Series

4CH / 8CH / 16CH Embedded Hybrid DVR

		EH1116H-4 Nano	EH1008H-4 Nano	EH1004H-4 Nano
system				
operating system			embedded Linux	
total channel number		16	8	4
max. IP camera input			4	
max. analog camera input		16	8	4
performance				
display (analog)		480 / 400fps (NTSC/PAL)	240 / 200fps (NTSC/PAL)	120 / 100fps (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 (NTSC/PAL)	CIF: 480 / 400fps Half-D1: 240 / 200fps D1: 120 / 100fps	CIF: 240 / 200fps Half-D1: 120 / 100fps D1: 60 / 50fps	CIF: 120 / 100fps Half-D1: 120 / 100fps D1: 60 / 50fps
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	17.5 Mbps	
storage	internal HDD capacity		1 SATA HDD	
	internal RAID support		-	
	external HDD support		e-SATA HDD or RAID x1	
	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	
	relay output		1 (NO / NC) voltage range: AC 125V / DC 30V switching current: max. 1A	
network	Ethernet (RJ45)	1 (10/100/1000Base-T)	1 (10/100Base-T)	
general				
electrical	power input	48W power adapter, DC 12V	24W power adapter, DC 12V	
environmental	operating temperature		0°C~40°C	
	operating humidity		90% RH	
mechanical	dimensions (W x H x D)		245 x 50 x 160 mm	
	weight (net)		0.8 kg	

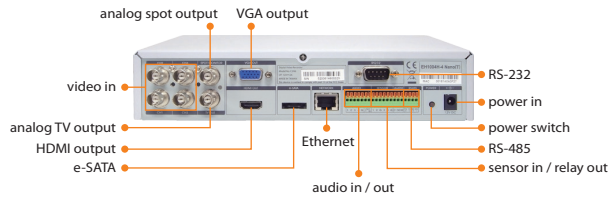
EH1000H-4 Nano series

front



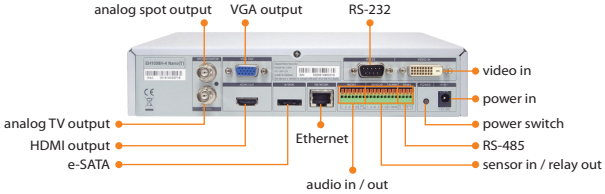
EH1004H-4 Nano

rear



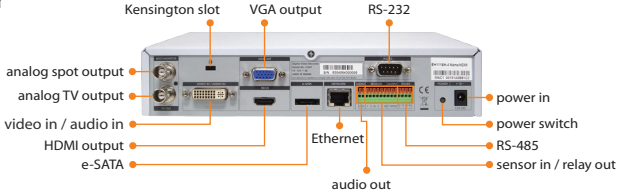
EH1008H-4 Nano

rear



EH1116H-4 Nano

rear



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