P5036-R NVR and P5036-16-R Hybrid NVR
AVer's new P-Series 36 Channel NVRs

Ideal for medium to large retail environments, the new models in our P Series, P5036-R NVR and P5036-16-R Hybrid NVR offer users a more reliable and more powerful NVR at an affordable price. The P5036-R allows you to connect up to 36 cameras, with a maximum of 5 megapixels per channel. By supporting so many channels, the dual monitor display function via our free CMS software is particularly helpful by allowing security staff to view live video and E-maps at once, resulting in users being able to identify problems quicker and thus respond quicker. In order to ensure your data is stored in the safest way, we provide storage that effectively protects against data loss, basically guaranteeing your high-quality data is stored securely.

The P5036-R and P5036-16-R are the latest additions to AVer's total retail security solution. See how our total solution covers all retail environments and helps increase efficiency and reduce costs.

The problem:

The storage component of a modern day surveillance system frequently dominates the overall cost of the system. In order to have a complete, cost-effective surveillance solution, users need to combine intelligent hardware and software to solve this problem.

The solution:

Learn how with AVer's solution, you can combine the P5036-R/P5036-16-R optimized recording mode with AVer's other intelligent storage saving features, and further increase the effectiveness of your surveillance system as well as substantially lowering costs.

Optimized recording mode is a feature of our NVRs that enables users to double the amount of time they can record for without having to purchase additional hard drives for storage or sacrifice recording quality for important incidences.

Flexible remote backup is ideal for chain stores, as it allows data to be saved remotely, reducing the chances of valuable data being lost.

AVer's IP cameras are equipped with several IVA features including our latest Missing and Suspicious Object, Tampering detection and Cross Line detection. Combining our IVA features offers a range of advantages from helping users to save on storage to being alerted to incidents quicker.

AVer's software includes our advanced central management system which includes an array of alarm options, live monitoring of up to 33 channels per page as well as remote control of our NVRs and DVRs. Additionally, our mobility apps ensure that even when out of the office, people can log in and see live feeds.

AVer's total solution provides users with a complete surveillance system which allows you to make maximum use of your storage capacity, to store your data in the safest manner and only alert you of instances which are important to you, regardless of your location.

Key Features:

Hardware RAID (levels 0, 1, 5 and 10)
offering high levels of storage reliability

Linux based
providing additional stability and reliable performance

Dual Monitor Support
allows staff to view live video and E-maps at once

10 HDDs (8 removable) HDD trays
for easy maintenance or switch

Easy POS integration
without additional data processing devices

		P5036-R	P5036-16-R
		NVR	**Hybrid NVR**
System			
CPU		Intel	Intel
operating system		embedded Linux	embedded Linux
export of video/audio data		AVer format	AVer format
total channel number		36	36
max. IP camera inputs		36	36
camera input (analog)		N/A	16 (2*DVI to 8 BNC connector)
Performance			
recording (analog)	compression	N/A	H/W H.264
	resolution	N/A	NTSC: 352 x 240 (CIF), 720 x 240 (Half-D1), 720 x 480 (D1), 960x480 (WD1) PAL: 352 x 288 (CIF), 720 x 288 (Half-D1), 720 x 576 (D1), 960x576 (WD1)
	frame rate (NTSC/PAL)	N/A N/A N/A N/A	960H:380/320fps CIF: 480/400fps Half-D1: 480/400fps D1: 480/400fps
	frame rate per channel	N/A	NTSC: 0~30fps PAL: 0~25fps
recording (IP)	resolution	1. Single channel is 5 megapixels maximum 2. Total: 2MP@600 fps. H.264/MPEG-4/MJPEG	1. Single channel is 5 megapixels maximum 2. Total: 2MP@600 fps. H.264/MPEG-4/MJPEG
	frame rate per channel	NTSC: 1~30fps; PAL: 1~25fps	NTSC: 1~30fps; PAL: 1~25fps
display (analog)	frame rate (NTSC/PAL)	N/A	480/400fps
Internet throughput	Input	256 mpbs	256 mpbs
	Output	256 mpbs	256 mpbs
storage	internal HDD capacity	8 SATA (Hot-swap); 2 SATA (Internal) (RAID levels 0, 1, 5 & 10)	8 SATA (Hot-swap); 2 SATA (Internal) (RAID levels 0, 1, 5 & 10)
	iSCSI support	1 target, 4lun	1 target, 4lun
Interface			
monitor	VGA output	1 (1920 x 1080P, 1280 x 720, 1280x1024, 1024 x 768)	1 (1920 x 1080P, 1280 x 720, 1280x1024, 1024 x 768)
	HDMI output	1 (1920 x 1080P, 1280 x 720)	1 (1920 x 1080P, 1280 x 720)
	Display port output	1 (1920 x 1080P, 1280 x 720)	1 (1920 x 1080P, 1280 x 720)
audio	input	via IP cam	16 line-in, 8KHz sampling rate
	output	1 line-out (audio jack) on rear	1 line-out (audio jack) on rear
MIC	input	1 line-out (audio jack) on rear	1 line-out (audio jack) on rear
alarm	sensor (alarm) inputs	8; input voltage: max. DC 6V	8; input voltage: max. DC 6V
	relay output	4; voltage range: AC 125V / DC 30V switching current: max. 1A	4; voltage range: AC 125V / DC 30V switching current: max. 1A
network	Ethernet (RJ45)	2 (10/100/1000Base-T)	2 (10/100/1000Base-T)
I/O Interface	RS-232	1 (D-sub 9 pins, male)	1 (D-sub 9 pins, male)
	RS-485	1 set (Tx+, Tx-, Rx+, Rx-)	1 set (Tx+, Tx-, Rx+, Rx-)
	USB 2.0	2 on front and 1 on rear	2 on front and 1 on rear
	USB 3.0	1 on rear	1 on rear
General			
environmental	operating temperature	0℃ to 40℃ (32°F to 104°F)	0℃ to 40℃ (32°F to 104°F)
	storage temperature	-30℃ to 60℃ (-22°F to 140°F)	-30℃ to 60℃ (-22°F to 140°F)
	operating humidity	90% RH	90% RH
	humidity in storage	90% RH	90% RH
mechanical	dimensions (W x H x D)	3.5"x17.2"x21" (88.9x437x533.4mm)	3.5"x17.2"x21" (88.9x437x533.4mm)
Certificate			
EMC	USA	FCC Part 15, Class A	FCC Part 15, Class A
	EU	EN61000-6-3 EN50130-4:1995+A1:1998+A2:2003	EN61000-6-3 EN50130-4:1995+A1:1998+A2:2003
safety	EU	EN60950-1:2006	EN60950-1:2006
	warranty	2+1 years	2+1 years

Distributor/Dealer:

www.aver.com