



P Series NVRs

36CH P5036-R and P5036-16-R

The AVer P5036-16-R 36 channel hybrid NVR and the P5036-R 36CH full HD NVR includes an embedded Linux based operating system and an Intel based CPU. The result is a more reliable and more powerful NVR, ideal for large retail environments. The P5036-R 36CH supports up to 36 IP channels and the P5036-16-R supports 36 channels including up to 16 analog channels. Both devices use hardware RAID, ensuring that all of your high quality data will be stored very securely.



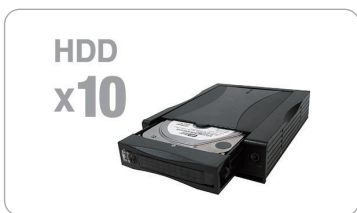
36CHs preview and playback simultaneously

The dual monitor support function allows users to simultaneously view up to 36 live channels and playback. This great feature ensures users can playback their recorded data and still view the live feed to make sure nothing is missed.



Storage space maximization

The P Series is equipped with an independent processor and memory for Hardware RAID giving additional security to your data in case of corruption. Combine this with AVer's Optimized Recording Mode - a feature of our NVRs that enables users to triple the amount of time they can record for without having to purchase additional hard drives for storage or sacrifice recording quality for important incidences.



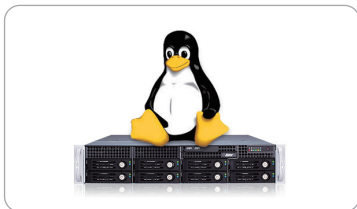
40TB internal storage space

Equipped with ten 4-Terabyte HDD's (8 swappable) provides users with a massive storage device. Featuring swappable HDDs, it is easy to remove or replace disks, whilst keeping your data very secure. Additionally, users can utilize AVer's Optimized Recording Mode which can further increase your recording capabilities.



Easy POS integration

The P Series support easy point of sale (POS) integration, allowing users to connect POS systems without any additional data processing devices. With POS integration, live transaction data is overlaid onto live camera images, facilitating quick review and analysis of items sold through keyword filtering.



Reliable and secure operating system

AVer's P Series use a Linux based operating system, providing users with a powerful system at an excellent price. Linux based systems are famous for being extremely reliable as well as being very secure, so users can rest assured that their data is being recorded and stored on a great operating system.

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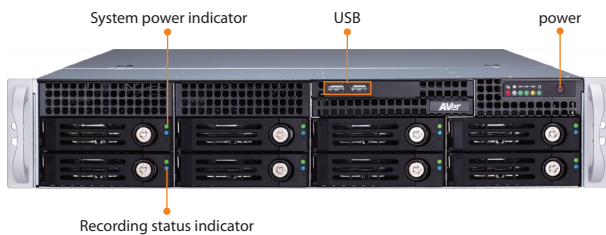
P5036-R

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	960H:380/320fps
		N/A	D1: 480/400fps
		N/A	Half-D1: 480/400fps
frame rate per channel	N/A	CIF: 480/400fps NTSC: 0~30fps PAL: 0~25fps	
recording (IP)	resolution	1. Single channel is 5 megapixels maximum 2. Total: 2M@1080 fps. H.264/MPEG-4/MJPEG	1. Single channel is 5 megapixels maximum 2. Total: 2M@1080 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
display (IP)	frame rate per channel	2M@600fps	2M@600fps
Internet throughput	Input	256 mpbs	256 mpbs
	Output	256 mpbs	256 mpbs
storage	internal HDD capacity	8 SATA (swapple); 2 SATA (Internal) (RAID levels 0, 1, 5 & 10)	8 SATA (swapple); 2 SATA (Internal) (RAID levels 0, 1, 5 & 10)
	iSCSI support	1 target, 4 lun	1 target, 4 lun
Interface			
monitor	VGA output	1 (1920 x 1080, 1280 x 720, 1280x1024, 1024 x 768)	1 (1920 x 1080, 1280 x 720, 1280x1024, 1024 x 768)
	HDMI output	1 (1920 x 1080, 1280 x 720)	1 (1920 x 1080, 1280 x 720)
audio	input	N/A	N/A
	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
	sensor (alarm) inputs	8; input voltage: max. DC 6V	8; input voltage: max. DC 6V
alarm	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)
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°C to 40°C (32°F to 104°F)	0°C to 40°C (32°F to 104°F)
	storage temperature	-30°C to 60°C (-22°F to 140°F)	-30°C to 60°C (-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)	17.2"x3.5"x21" (437x88.9x533.4mm)	17.2"x3.5"x21" (437x88.9x533.4mm)
	weight	10.69 kg	11.005 kg
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

Hardware specifications

Front



Rear

