

EmPower Series

Security Amywhere

PVR-P8-1VC

8 Channel Penta-brid 1080P Mini 1U Digital Video Recorder



With the surveillance operators pursuing to HD/UHD which further adds the storage and transmission cost, HDCVI H.265+/H.265 has been released to incredibly decrease the required bitrate while ensuring the video quality in realizing high resolution surveillance such as 4MP/4K.

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This Series is designed for high cost performance and quality. The range offers a great solution for users facing budget constraints who both require quality and performance. And with the adoption of Smart H.265+/H.265, the series improves encoding efficiency, saving on bandwidth/storage costs, and significantly reducing the Total Cost of Ownership (TCO).



Features

- H.265+/H.265 dual-stream video compression
- Supports HDCVI/AHD/TVI/CVBS/IP video inputs
- Max 12 channels IP camera inputs, each channel up to 6MP; Max 48Mbps Incoming Bandwidth
- Smart Search and Intelligent Video System

Functions

Smart H.265+

Smart Codec, H.265+ can reduce up to 90% bit rate and storage requirements compared with H.264 without having to invest in new cameras.

HDCVI/AHD/TVI/CVBS/IP Auto-detect

The DVR can auto recognize the signal of front-camera without any setting. It makes operation more friendly and convenient.

UHD Camera Input

This series supports up to 4MP HDCVI camera and 6MP IP camera input.

Coaxial Audio/Upgrade/Alarm

The integrated design can reduce wiring troubles which makes it much more cost-effective and convenient for installation.

Long Distance Transmission

The HDCVI system supports long distance transmission over coaxial cable and UTP, max. 700m for 4K/4MP, 800m for 1080P and 1200m for 720P.

Smart Fan Design

The smart fan can automatically turn on or turn off according to the CPU temperature. This function can effectively reduce the fan noise to provide a better user experience while extending the life of the fan at the same time.

Intelligent Video System (IVS)

With built-in intelligent video analytics, the DVR has the ability to detect and analyze moving objects for improved video surveillance. The DVR provides optional standard intelligence at the edge allowing detection of multiple object behaviors such as abandoned or missing objects. IVS also supports Tripwire analytics, allowing the camera to detect when a predetermined line has been crossed.

Face Detection

It is a type technology being used in a variety of applications that search or identify individuals which show front cameras.

Smart Search

This function helps you get more motion detect video during a short time through drawing a region when playback. It is very useful when an emergency occurs.





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UNISIGHT

PVR-P8-1VC

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Appendix Not service of the service	System	
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Multi-screen Display When IP extension mode not enabled: 1/4/8/9 When IP extension mode enabled: 0SD Camera title, Time, Video loss, Camera lock, Motion detection, Recording Network Interface Interface 1RJ-45 Port (100M) Network Function HTTP, HTTPS, TCP/IP, IPV4/IPV6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPP0E, DDNS, FTP, Alarm Server, P2P, IP Search Max. User Access 128 users Smart Phone iphone, iPad, Android	Interface	1 HDMI ,1 VGA
1/4/8/9 Multi-screen Display 1/4/8/9/16 OSD Camera title, Time, Video loss, Camera lock, Motion detection, Recording Network Interface Interface 1/8I-45 Port (100M) Network Function HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTPP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search Max. User Access 128 users Smart Phone iphone, iPad, Android	Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
OSD detection, Recording Network Interface 1 RJ-45 Port (100M) Network Function HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search Max. User Access 128 users Smart Phone iPhone, iPad, Android	Multi-screen Display	1/4/8/9 When IP extension mode enabled:
Interface 1 RJ-45 Port (100M) Network Function HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search Max. User Access 128 users Smart Phone iPhone, iPad, Android	OSD	
Network Function HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search Max. User Access 128 users Smart Phone iPhone, iPad, Android	Network	
Network Function NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server, P2P, IP Search Max. User Access 128 users Smart Phone iPhone, iPad, Android	Interface	1 RJ-45 Port (100M)
Smart Phone iPhone, iPad, Android	Network Function	NTP, DHCP, DNS, IP Filter, PPPoE, DDNS, FTP, Alarm Server,
	Max. User Access	128 users
Interoperability ONVIF 16.12, CGI Conformant	Smart Phone	iPhone, iPad, Android
	Interoperability	ONVIF 16.12, CGI Conformant

Video Detection	Motion Detection, MD Zones: 396 (22 × 18), Video Loss, Tampering and Diagnosis	
Alarm input	N/A	
Relay Output	N/A	
Playback and Backu	р	
Playback	1/4/9	
Search Mode	Time /Date, Alarm, MD and Exact Search (accurate to second)	
Playback Function	Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Repeat, Shuffle, Backup Selection, Digital Zoom	
Backup Mode	USB Device/Network	
Storage		
Internal HDD	1 SATA Port, up to 10TB capacity	
eSATA	N/A	
Auxiliary Interface		
USB	2 USB 2.0	
RS232	N/A	
RS485	1 Port, for PTZ Control	
Electrical		
Power Supply	DC12V/2A	
Power Consumption	<10W (Without HDD)	
Construction		
Dimensions	Mini 1U, 325mm×255mm×55mm (12.8" x 10" x 2.2")	
Net Weight	1.5kg (3.3 lb) (without HDD)	
Gross Weight	2kg (4.4lb)	
Installation	Desktop installation	
Environmental		
Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 0~ 90% RH	
Storage Conditions	-20°C $^{\sim}$ +70°C (-4°F $^{\sim}$ +158°F) , 0 $^{\sim}$ 90% RH	
Third-party Support		
Third-party Support	Arecont Vision, AXIS, Bosch, Brickcom, Canon, CP Plus, Dynaco or, Honeywe , Panlasonic, Pe co, Samsung, Sanyo, Sony, Videotec, Vivotek, and more	
Certifications		
Certifications	FCC: Part 15 Subpart B	
	CE: CE-LVD: EN 60950-1/IEC 60950-1 CE-EMC: EN 61000-3-2, EN 61000-3-3, EN 55032, EN 50130, EN 55024	
	UL: UL 60950-1	



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EmPower Series

Security Anywhere

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Recording, PTZ, Tour, Video Push, Email, FTP, Snapshot, Buzzer and Screen Tips

Motion Detection, MD Zones: 396 (22 × 18), Video Loss,

Video Detection and Alarm

Trigger Events

UNISIGHT

EmPower Series

PVR-P8-1VC

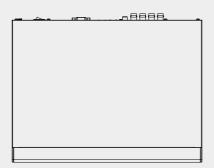
₩.

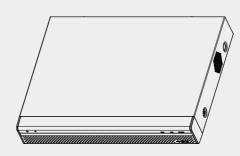
Security Anywhere

Dimensions(mm)

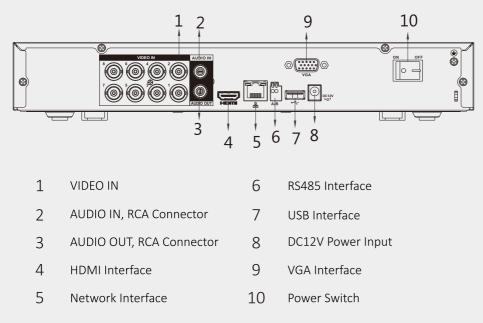








Rear Panel





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