

AVR-HN516P16

16CH UHD NETWORK VIDEO RECORDER

PoE TYPE

H.265
HEVC

4K
ULTRAHD



FEATURES

- Supports 16 Cameras at 4K / 5MP / 4MP / 3MP / 1080 / 960P / 720P
- Supports H.265 / H.264 Compression (High Profile), which allows for higher quality picture and a lower bitrate compared to H.264
- Intuitive and user-friendly Graphic User Interface (GUI) with full operation by mouse
- Multiple Recording Modes: Manual, Scheduled, Motion and Sensor
- Playback: 16 Channels simultaneous
- Search: Search by Time Slice, Time, Event (Manual, Sensor, Motion), Tag Search
- Quick and Intuitive Backup via USB and Network
- Pentaplex Operation: Can simultaneously allow Preview, Record, Playback, Backup and Remote Access from different users
- Network functions such as DHCP, DDNS, PPPoE protocols supported and also access with CMS clients
- Remote Access using Internet Explorer / Safari or CVMS: Live Preview, Playback, Backup, PTZ and System Configuration
- 16 integrated PoE ports provide power to 16 IP cameras or PoE devices and can automatically add any AVYCON brand IP camera
- Dual Streams Recording allows for full High Definition recording to hard drive while supplying a lower resolution for remote viewing with mobile devices and computers
- Supports multiple online users
- User management, Log Viewing and Device Status
- True HDMI 4K Output display
- Supports PTZ Presets and Auto Cruise - Up to 255 Presets and 8 Cruises
- NAT and QR Code functionality allows remote access with mobile devices and computers without the need for port-forwarding
- Powerful Mobile Apps for mobile devices and tablets available on iOS and Android® OS

DIMENSIONS

Unit: mm (inch)



REAR PANEL



SPECIFICATIONS

SYSTEM	Compression	Standard H.265, H.264
	OS	Embedded Linux
VIDEO	Network Input	16 CH IPC input
	Network Access Bandwidth	112Mbps
	Network Access Format	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P@25 / 30fps
	Output	HDMI x 1 : 4K (3840 x 2160) / 1920 x 1080 / 1280 x 1024 / 1024 x 768 VGA x 1 : 1920 x 1080 / 1280 x 1024 / 1024 x 768
AUDIO	Network Input	16 CH IPC Audio Input
	Two-way Audio	RCA x 1
	Local Output	RCA x 1
RECORD	Record Stream	Dual Stream Recording
	Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
	Mode	Manual, Timer, Motion, Sensor
PLAYBACK	Simultaneous Playback	Max. 16 Channels
	Search	Time slice / Time / Event / Tag Search
	Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
	Function	Play, Pause, FF, FB, Digital Zoom, etc.
ALARM	Mode	Manual, Sensor, Motion, Exception
	Input	16 CH IPC Alarm Input
	Output	16 CH
	Trigger Actions	Record, Snap, Preset, E-mail, etc.
NETWORK	Interface	RJ45 10 / 100 / 1000 Mbps x 1
	PoE Port	RJ45 x 16
	Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
MOBILE	OS	iOS, Android®
STORAGE	HDD	SATA x 2, Max. 8TB per HDD
BACKUP	Local Backup	USB Flash Drive, USB Mobile HDD
	Network Backup	Yes
PORT	USB	USB 2.0 x 1 (Front Panel), USB 3.0 x 1 (Rear Panel)
	Remote Controller	Optional
	Power Supply	DC 48V
OTHERS	Consumption	≤15W (Without HDD)
	Dimensions (mm)	381mm x 266.7mm x 50.8mm (W x D x H)
	Work Environment	-4°F ~ 122°F (-20°C ~ 50°C), 10% ~ 90% Relative Humidity

AVAILABLE HDD OPTIONS

- 1TB HDD: AVR-HN516P16-1T
- 2TB HDD: AVR-HN516P16-2T
- 3TB HDD: AVR-HN516P16-3T
- 4TB HDD: AVR-HN516P16-4T
- 6TB HDD: AVR-HN516P16-6T
- 8TB HDD: AVR-HN516P16-8T
- 12TB HDD: AVR-HN516P16-12T
- 16TB HDD: AVR-HN516P16-16T

MOBILE APP

AVYCON Mobile CVMS



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