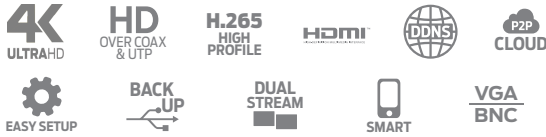


AVR-HT816A

16CH HD ALL-IN-ONE DVR

4K ULTRAHD **8MP TVI**



FEATURES

- 16 Channels HD-TVI/CVI/AHD High Definition Input
- Up to 16 Channels 8MP / 5MP / 4MP / 4MP Lite / 3MP / 1080P / 960P / 720P / WD1 Recording
- 8 Channel IP 8MP / 3MP / 1080P / 960P / 720P Recording
- Utilizes the H.265 High Profile Compression format to ensure high quality video at lower bitrate
- 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
- 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
- Up to HDMI 4K Output display (with supported 4K monitors)
- 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: Inches (mm)

UNITS: INCHES (MM)



REAR PANEL



SPECIFICATIONS

SYSTEM	Compression	Standard H.265 High Profile
	CPU	Cortex A9
	OS	Embedded Linux
VIDEO	Input	BNC × 16
	Resolution	TVI / AHD : 8MP, 5MP, 4MP, 3MP, 1080P, 720P, WD1 CVI : 4MP, 3MP, 1080P, 720P Real Time
	IP Input / Access Bandwidth	IPC × 16 / 6Mbps
AUDIO	Output	HDMI × 1 : 3840 × 2160, 1920 × 1080, 1280 × 1024 VGA × 1 : 1920 × 1080, 1280 × 1024 BNC × 1 : CVBS (Used as the main or spot output)
	Input	RCA × 8 CH
	Output	RCA × 1 CH
RECORD	Two-way Audio	Take up channel one audio input
	Resolution	4K, 4K Lite, 5MP, 4MP, 4MP Lite, 3MP, 1080P, 720P, WD1
	Frame Rate	4K @ 7fps(PAL / NTSC); 16 CH: odd channels can support) 4K Lite @ 12fps (PAL/NTSC) 5MP : 12fps (PAL / NTSC) 4MP Lite / 1080P / 720P / WD1: 25fps (PAL) / 30 fps (NTSC) 32Kbps ~ 5 Mbps
IP INPUT	Bit Rate	Manual, Timer, Motion, Sensor
	Mode	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
	Resolution	25fps (PAL) / 30fps (NTSC)
PLAYBACK	Frame Rate	Maximum 16 Channels
	Playback	Time Slice / Time / Event / Tag Search
	Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events Play, Pause, FF, FB, Digital Zoom, etc.
ALARM	Smart Search	Manual, Motion, Exception
	Function	Manual, Motion, Exception
	Mode	16
NETWORK	Input	4
	Output	Record, Snap, Preset, E-mail, etc.
	Trigger Actions	RJ45 10 / 100Mbps × 1
MOBILE DEVICE	Interface	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
	OS	iOS, Android®
	Storage	SATA × 2, Max. 8TB per HDD; E-SATA × 1
STORAGE BACKUP	HDD	USB Flash Drive, USB Mobile HDD
	Local Backup	Yes
	Network Backup	RS485 × 1, Connect To PTZ or Keyboard
PORT	RS485	USB 2.0 × 2: 1 Front Panel and 1 Rear Panel
	USB	Optional
	Remote Controller	DC 12V/ 4A
OTHERS	Power Supply	≤ 30W (Without HDD)
	Consumption	380mm x 52mm x 268mm (W x H x D)
	Dimensions (mm)	14°F ~ 122°F (-10°C ~ 50°C), 10% ~ 90% Relative Humidity Work Environment

AVAILABLE HDD OPTIONS

- 1TB HDD: AVR-TS816A-1T
- 2TB HDD: AVR-TS816A-2T
- 3TB HDD: AVR-TS816A-3T
- 4TB HDD: AVR-TS816A-4T
- 6TB HDD: AVR-TS816A-6T
- 8TB HDD: AVR-TS816A-8T

MOBILE APP

AVYCON Mobile CVMS



AVYCON®

☎ 949-752-7606 🌐 www.avycon.com ✉ info@avycon.com

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