

# AVR-HT832A

64 CH. UHD DIGITAL (32 BNC + 32 IPC)  
VIDEO RECORDER W/ RAID



## H.265 4K UHD DIGITAL VIDEO RECORDER

4K / 6MP / 5MP / 4MP / 3MP / 1080P

HD OVER COAX & UTP, CAT5E / CAT6 / CAT6A / CAT7

### FUNCTION

- Supports up to 64 Cameras at 4K / 5MP / 4MP / 3MP / 1080P / 960P / 720P Resolution (32 BNC + 32 IPC)
- Supports H.265 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
  - Supports hardware RAID: RAID0, RAID1, RAID5, RAID6, RAID10
    - 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
  - Dual Network Ports allow optimizing bandwidth and creating a separate network for IP Camera streams
- 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
  - Supports multiple online users
  - User management, Log Viewing and Device Status
  - True HDMI 4K Output display, dual HDMI display
- 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



# AVR-HT832A

## 64 CH. UHD DIGITAL VIDEO RECORDER W/ RAID



### DIMENSIONS



### REAR PANEL



### AVAILABLE HDD OPTIONS

- 1TB HDD: AVR-HT832A-1T
- 2TB HDD: AVR-HT832A-2T
- 3TB HDD: AVR-HT832A-3T
- 4TB HDD: AVR-HT832A-4T
- 6TB HDD: AVR-HT832A-6T
- 8TB HDD: AVR-HT832A-8T
- 12TB HDD: AVR-HT832A-12T
- 16TB HDD: AVR-HT832A-16T
- 20TB HDD: AVR-HT832A-20T
- 24TB HDD: AVR-HT832A-24T
- 28TB HDD: AVR-HT832A-28T
- 32TB HDD: AVR-HT832A-32T
- 36TB HDD: AVR-HT832A-36T
- 42TB HDD: AVR-HT832A-42T
- 48TB HDD: AVR-HT832A-48T
- 56TB HDD: AVR-HT832A-56T
- 64TB HDD: AVR-HT832A-64T

### MOBILE APP

AVYCON Mobile CVMS



### DESCRIPTION AVR-HT832A

Compression	Standard H.265 / H.264 High Profile
OS	Embedded Linux
Local Input	32 BNC + 32 IP
Resolution	HDMI & VGA: 3840 x 2160, BNC Output
IP Input	32CH
Total Input	64CH
Output	HDMI 1: 3840 x 2160 / 1920 x 1080 / 1280 x 1024 HDMI 2: 1920 x 1080 / 1280 x 1024 / 1024 x 768 VGA: 1920 x 1080 / 1280 x 1024 BNC x 1: CVBS (used as the main or spot output)
Audio Input	RCA x 16
Audio Output	RCA x 1
Two-way Audio	RCA x 1
Audio Compression	G.711A/U
Video Resolution	8MP / 8MP Lite / 5MP / 5MP Lite / 4MP / 4MP Lite / 3MP / 1080P / 720P / WD1 / D1
Frame Rate	Analog channels: 8MP @ 8fps (PAL / NTSC) / 8MP Lite @ 12fps / 15fps (PAL / NTSC) 5MP @ 12fps (PAL / NTSC) / 5MP Lite @ 20fps (PAL / NTSC) 4MP / 3MP @ 12fps / 15fps / 4MP Lite / 1080P / 720P / WD1 / D1 @ 25fps / 30fps (PAL / NTSC) IP Channels: up to 8MP @ 30fps
Bit Rate	32Kbps ~ 10Mbps
Record Mode	Manual, Timer, Alarm Linkage
Record Resolution	Up to 8MP
Frame Rate	25fps (PAL) / 30fps (NTSC)
Playback	16CH
Decoding Capability	1CH 8MP / 16CH 1080P @ 30fps
Search	Time Slice / Time / Event / Tag Search / Smart Search
Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events
Function	Play, Pause, Fast Forward, Fast Rewind, Digital Zoom, etc.
Alarm Input	16CH
Alarm Output	8CH
Alarm Triggering	Record, Snap, Preset, E-mail, Buzzer, etc.
Network Interface	RJ45 1000Mbps x 2
Network Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, ONVIF
Incoming Bandwidth	160Mbps (Max. 320Mbps)
Outgoing Bandwidth	320Mbps
OS	iOS, Android
HDD	SATA x 8, up to 8TB per HDD
e-SATA	x1
RAID	RAID 0, 1, 5, 6, 10
Local Backup	USB flash disk, USB mobile HDD
Network Backup	Yes
RS 485	Yes (full-duplex), connectors for PTZ and keyboard
USB	USB 2.0 x 2; USB 3.0 x 1
Remote Controller	Optional
Power Supply	ATX 250W
Consumption	≤ 70W (without HDD)
Dimensions (mm)	17.51 in x 17.16 in. x 3.54 in. (W x D x H)
Working Environment	14°F ~ 122°F (-10°C ~ 50°C), 10% ~ 90% Humidity



# AVYCON<sup>®</sup>

Copyright © AVYCON. All rights reserved. Specifications and pricing are subject to change without notice.

phone: 949-752-7606 / 888-833-4611 (Canada Toll-Free)

email: info@avycon.com

social: @avycon\_aivo

website: avycon.com