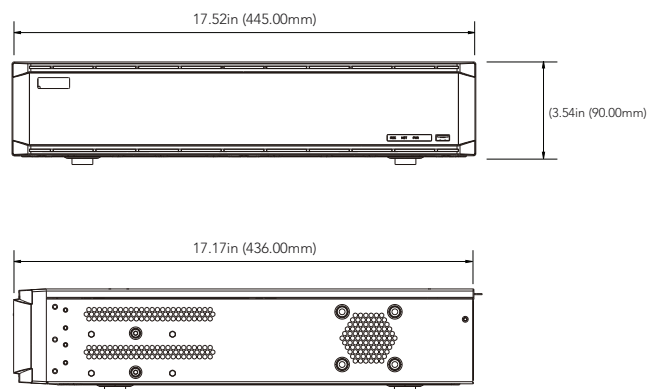# AVR-NT832A AI

NDAA COMPLIANT | CE | FC

H.265 8 MEGAPIXEL HD DIGITAL VIDEO RECORDER
5MP Lite / 4MP / 1080P / 960P / 720P HD OVER COAX & UTP

OVERVIEW

- 32 CH TVI / AHD /CVI 8MP / 5MP / 4MP / 3MP / 1080P / 720P / WD1 video input
- 32 CH DVR supports 8 CH 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P IP video input
- 8 CH analog video input can be switched to 8 CH IP video input
- Adopt standard H.265 high profile compression format to get high-quality video at much lower bit rate
- Intuitive and user-friendly Graphics User Interface (GUI), window style operation by mouse
- Multi-mode recording: manual / timed / motion / sensor / AI recording
- Playback: 16 CH simultaneously playback
- Search: time slice, time, event, tag and smart search
- Express and flexible backup via USB, network and so on
- Supports local preview, record, playback and backup
- DHCP, DDNS, PPPoE network protocol
- Remote control via Web Client or CMS: preview, playback, backup, PTZ and configuration
- Multi-user online simultaneously
- Authorization management, log review and device status review
- 4K output, true high resolution display
- Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- Supports RAID 0, 1, 5, 6, 10
- Support NAT function and QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Andriod OS
- NDAA Compliant

DIMENSIONS

Unit: (inch)mm

17.52in (445.00mm)

(3.54in (90.00mm)

17.17in (436.00mm)

HDD OPTIONS

- 1TB HDD: AVR-NT832A-1T
- 2TB HDD: AVR-NT832A-2T
- 3TB HDD: AVR-NT832A-3T
- 4TB HDD: AVR-NT832A-4T
- 6TB HDD: AVR-NT832A-6T
- 8TB HDD: AVR-NT832A-8T
- 12TB HDD: AVR-NT832A-12T
- 18TB HDD: AVR-NT832A-18T

MOBILE APP

AVY MOBILE ONE

Available on the App Store

ANDROID APP ON Google play

REAR PANEL

SPECIFICATIONS

VIDEO	
System	OS Embedded Linux
Analog Video Input	BNC × 32
	BNC interface (1.0Vp-p; 75Ω)
	TVI/AHD/CVI : 4K@15fps; 5MP@20fps; 4MP/3MP/1080P/720P/WD1@25fps/30fps (live)
IP Video Input	8CH (up to 16CH)
	Up to 8MP @ 30fps
Total Input	40 CH
Output	HDMI 1 : 3840 × 2160 / 1920 × 1080 / 1280 × 1024
	HDMI 2 : 1920 × 1080 / 1280 × 1024 / 1024 × 768
	VGA × 1 : 1920 × 1080 / 1280 × 1024
	BNC × 1 : CVBS (used as the main or spot output)
Video Compression	H.264 / H.265
Multi-screen Display	Main output: 1/4/6/8/9/13/16/25/32/36
	AUX. output:1/4/6/8/9
	Total output: 32+9
AUDIO	
Audio Input	RCA × 16
Audio Output	RCA × 1 (linear, 600Ω)
Two-way Audio	Take up channel one audio input
Audio Compression	G.711(U/A)
RECORDING	
Record Resolution	4K/4K Lite / 5MP/5MP Lite/4MP/4MP Lite/3MP/1080P/1080P Lite/720P/WD1/D1
	Analog Channel: 4K@8fps(NTSC/PAL); 4K Lite@15/12fps(NTSC/PAL); 5MP @12fps
Record Frame Rate	(NTSC/PAL); 5MP Lite@20fps(NTSC/PAL); 4MP/3MP@15/12fps
	(NTSC/PAL); 4MP Lite/1080P /720P/WD1/D1@30fps (NTSC)/25fps (PAL)
	IP Channel: 30fps (NTSC) / 25fps (PAL)
Bit Rate	32Kbps ~ 5Mbps
PLAYBACK	
Playback	16 CH
Playback Search	Time slice / time / event / tag / 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, FF, FB, digital zoom, etc.
ALARM	
Alarm Input	16 CH
Alarm Output	8 CH
AI FUNCTION	
Smart Motion Detection Performance	No
Perimeter protection Performance	No
STORAGE	
HDD	SATA×8, up to 10TB per HDD
RAID	RAID 0, 1, 5, 6, 10
BACKUP	
Network Backup	Yes
Local Backup	U disk, USB mobile HDD
NETWORK	
Interface	RJ 45 1000Mbps × 2
Protocol	TCP / IP, HTTP, HTTPS, 802.1x, DHCP, DDNS, RTP, RTSP, RTCP, NTP, UPnP, SMTP,
	IPv6, UDP, WebSocket, PPPoE, SNMP, IGMP
Incoming Bandwidth	48Mbps (max. 96Mbps)
Outgoing Bandwidth	192 Mbps
Client Connection	Max. 20 users access
EXTERNAL INTERFACE	
RS-485	Yes, (full-duplex), connect to PTZ or keyboard
Remote Controller	Optional
USB	USB 2.0 × 2; USB 3.0 × 1
GENERAL	
Power Supply	ATX-200W
Power Consumption	≤ 50W (without HDD)
Dimensions(in)	17.52in x 17.17in x 3.54in (445mm × 436mm × 90mm)
Working Environment	14°F~122°F (-10°C~50°C), 10%~90% (humidity)
Certificate	CE, FCC
Environmental Protection	Comply with Directive EU RoHS, WEEE, REACH