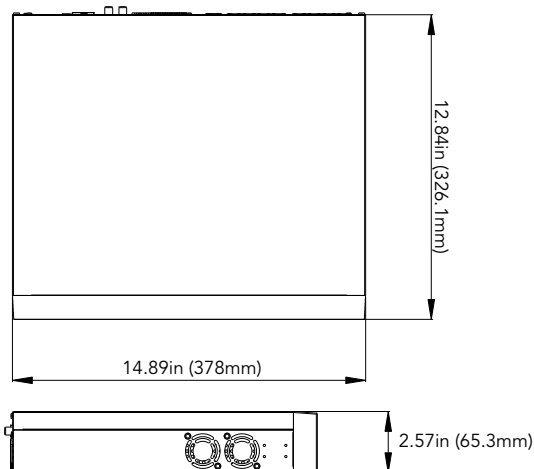# AVR-NSV32P16 AI

NDAA COMPLIANT | CE | FC

32 CH. 4K UHD NETWORK VIDEO RECORDER
12MP / 8MP / 5MP / 3MP / 1080P / 960P / 720P / 16 BUILT-IN PoE /
DUAL ETHERNET / DUAL HDMI

OVERVIEW

- H.265+ codec decoding
- Max. 640Mbps (32CH) input bandwidth
- Up to 12MP (4K) resolution for preview and playback
- Support to install up to 4 HDDs, up to 20TB per Drive
- Full function network remote view via Internet
- (CMS, IE/Firefox/Chrome, Mac Safari)
- No limitation on adding devices to CMS, max. 128 channels preview (CMSONE)
- Support scan P2P QR code to connect NVR via Mobile app (AVY Mobile One)
- Support to save pictures/video to Dropbox storage (Dropbox)
- Support to save pictures/video to FTP server (built by user)
- HDMI output up to 8K resolution
- Support HDD S.M.A.R.T. Monitoring

DIMENSIONS

Unit : inch(mm)

12.84in (326.1mm)

14.89in (378mm)

2.57in (65.3mm)

MOBILE APP

AVY MOBILE ONE

Available on the App Store

ANDROID APP ON Google play

REAR PANEL

SPECIFICATIONS

VIDEO	
Video Resolution	12MP, 8MP, 5MP, 3MP, 1080P, 960P, 720P
Recording Bandwidth Inputs	640Mbps
Recording Bandwidth Output	640Mbps
Installation Wizard	Yes
PLAYBACK	
Live/Playback Compression	Audio: G.711a Video: H.264/H.265, H.264+/H.265+
Live/Playback Frame Rate	4K: 240fps 4MP: 480fps 2MP: 960fps
Live/Playback Event	MD(Sensitivity Level 1~8) Video loss Beep, Email, Push notification to Mobile APP
Playback Function	Fast forward / backward (2x, 4x, 8x,16x) Slow forward (1/2x, 1/4x, 1/8x,1/16x)
Playback	Max 16CH playback
Fisheye	Support
INTERFACE	
UI/Monitoring Local	UI5.0
WEB	IE10/11, Safari V12.1 above, Firefox V.52 above, Chrome V.57 above, Edge V.79 above
Mobile Viewer	AVY Mobile One
Push Notification	Motion Event, AI and Abnormal
AI	Face Detection, Pedestrian Detection, Vehicle Detection, Cross Counting, Heat Map, Crowd Density Detection, Perimeter Intrusion Detection, Line Crossing Detection, Queue Legth Detection, License Plate Detection, Rare Sound Detection
P/W Reset	P/W Reset Factory Reset : Press 10 seconds
SYSTEM	
HDMI 1	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080, 2560*1440, 3840*2160/EDID) / Main Monitor supports up to 32CH Live View
HDMI 2	1（1024*768, 1280*720, 1280*1024, 1440*900, 1920*1080, 2560*1440) Async out / SPOT Monitor supports up to 9CH Live View
POE	16*RJ45, 802.3at/af
Ethernet	2 RJ45 1000 Base-T
USB	USB2.0*1(front) USB3.0*2(rear)
Audio out	1
E-sata	1
HDD	4 SATA HDD, up to 20TB (Enterprise-Class)
Line In	1
RS485	1
Alarm Input/Out	16in /1out
GENERAL	
OSD Language	English / French / Spanish / Portuguese / German / Italian / Greek / Danish / Finnish / Russia / Hebrew / Turkish / Bulgarian / Arabic / Korean / Japanese / Thai / Hindi / Romanian / Dutch / Polish
Dimension (WxDxH)	14.89in x 12.84in x 2.57in (378mm x 326.1mm x 65.3mm)
Input Voltage/Current	280W
Power consumption	10W
Working Environment	-10°C~+50°C (14°F ~ 122°F)
Working Humidity	Less than 90%RH

HDD OPTIONS

- 1TB HDD: AVR-NSV32P16-1T
- 2TB HDD: AVR-NSV32P16-2T
- 3TB HDD: AVR-NSV32P16-3T
- 4TB HDD: AVR-NSV32P16-4T
- 6TB HDD: AVR-NSV32P16-6T
- 8TB HDD: AVR-NSV32P16-8T
- 10TB HDD: AVR-NSV32P16-10T
- 12TB HDD: AVR-NSV32P16-12T

- 14TB HDD: AVR-NSV32P16-14T
- 18TB HDD: AVR-NSV32P16-18T
- 24TB HDD: AVR-NSV32P16-24T
- 28TB HDD: AVR-NSV32P16-28T
- 36TB HDD: AVR-NSV32P16-36T
- 48TB HDD: AVR-NSV32P16-48T
- 56TB HDD: AVR-NSV32P16-56T
- 72TB HDD: AVR-NSV32P16-72T