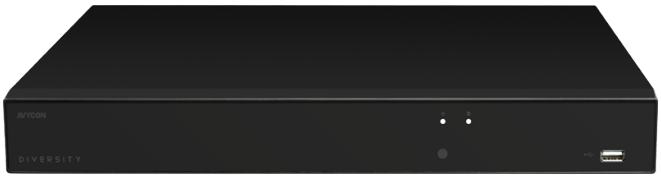


AVR-NSV16P16 AI

NDAA COMPLIANT | TAA COMPLIANT | CE | FC

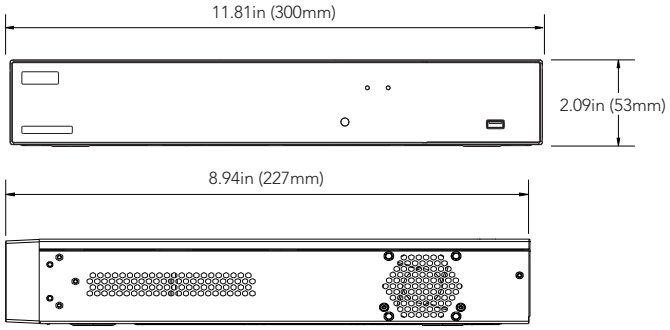
16 CH. 4K UHD NETWORK VIDEO RECORDER
8MP / 5MP / 4MP / 1080P / 960P / 720P / 16 PORT PoE NVR

OVERVIEW

- H.265+ codec decoding
- Max. 112Mbps(16CH) input bandwidth
- Up to 8MP(4K) resolution for preview and playback
- Support to install up to 2 HDDs, max total capacity of up to 32TB
- 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)
- VGA/HDMI output up to 4K resolution
- Support HDD S.M.A.R.T. Monitoring
- NDAA compliant

DIMENSIONS

Unit : inch(mm)



MOBILE APP

AVY MOBILE ONE

Available on the App Store | ANDROID APP ON Google play

REAR PANEL

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SPECIFICATIONS

VIDEO	
IP Video Input	16 Channels
Output	HDMI x 1: EDID / 3840 x 2160(4K) / 2560 x 1440(2K) / 1920 x 1080 / 1440 x 900 / 1280 x 1024 / 1280 x 720 / 1024 x 768 VGA x 1: 1920 x 1080 / 1440 x 900 / 1280 x 1024 / 1280 x 720 / 1024 x 768
Incoming Bandwidth (Mbps)	112Mbps
Outgoing Bandwidth (Mbps)	96Mbps
Video Compression	H.265+/H.265/H.264+/H.264
Audio Compression	G.711a
Installation Wizard	Yes
Resolution	8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P:30fps
PLAYBACK	
Playback Frame Rate	8MP:45fps, 4MP:90fps, 2MP:180fps
Smart AI	Yes
Event Triggers	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
INTERFACE	
Local UI	UI5.0
Web Monitoring	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
Password Reset	Factory Reset (Press 10 seconds)
HDD Interface	SATA x 2, Max 32TB HDD (compatible up to 16TB each SATA)
SYSTEM	
PoE	16 x RJ45, 802.3at/af
Ethernet	1 RJ45 10/100/1000 Base-T
USB	USB 2.0 x 1 (Front Panel), USB 3.0 x 1 (Rear Panel)
Audio	1 IN / 1 OUT
E-Sata	No
RS485	1
Alarm Input/out	8 IN / 1 OUT
GENERAL	
OSD Language	English and more
Power Consumption	5W (Without HDD)
Power Supply	DC48V/3.75A
Working Environment	32°~104°F (0°~40° Celsius)
Working Humidity	Less than 90%RH (Non-Condensing)
Dimensions	11.81" x 8.94" x 2.09" (300mm x 227mm x 53mm)

HDD OPTIONS

- 1TB HDD: AVR-NSV16P16-1T
- 2TB HDD: AVR-NSV16P16-2T
- 3TB HDD: AVR-NSV16P16-3T
- 4TB HDD: AVR-NSV16P16-4T
- 6TB HDD: AVR-NSV16P16-6T
- 8TB HDD: AVR-NSV16P16-8T
- 10TB HDD: AVR-NSV16P16-10T
- 12TB HDD: AVR-NSV16P16-12T
- 14TB HDD: AVR-NSV16P16-14T
- 20TB HDD: AVR-NSV16P16-20T
- 24TB HDD: AVR-NSV16P16-24T
- 28TB HDD: AVR-NSV16P16-28T

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