

AVR-NSV16P16

16 CH. 4K UHD NETWORK
VIDEO RECORDER



H.265 4K UHD NETWORK VIDEO RECORDER

8MP / 5MP / 4MP / 1080P / 960P / 720P
16 PORT POE NVR



FUNCTION

- 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 36TB
- 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 DVR 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



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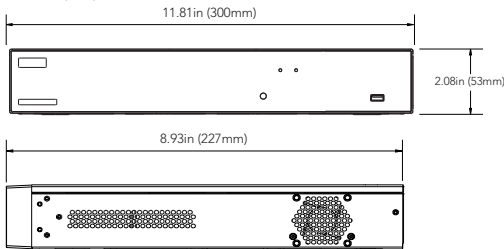
SPECIFICATIONS

DESCRIPTION AVR-NSV16P16

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
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

DIMENSIONS

Unit: inch (mm)



REAR PANEL



AVAILABLE 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
- 12TB HDD: AVR-NSV16P16-12T
- 16TB HDD: AVR-NSV16P16-16T
- 18TB HDD: AVR-NSV16P16-18T
- 20TB HDD: AVR-NSV16P16-20T
- 24TB HDD: AVR-NSV16P16-24T
- 28TB HDD: AVR-NSV16P16-28T
- 32TB HDD: AVR-NSV16P16-32T
- 36TB HDD: AVR-NSV16P16-36T

MOBILE APP

AVY Mobile One



Playback Frame Rate	8MP:45fps, 4MP:90fps, 2MP:180fps
Supported Smart AI	Face Detection, People / Vehicle Detection, License Plate Recognition, Intrusion, Line Crossing, Object Abandonment, People Counting, Crowd Density Detection, Queue Length Detection, Rare Sound Detection, and Object Classification
Supported Cameras for AI	Diversity Series Network Cameras
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
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
Reset Button	Password Reset (Hold 3 seconds), Factory Reset (Hold 8 seconds)
HDD Interface	SATA x 2, Max 18TB HDD
PoE	16 x RJ45, 802.3at/af
Ethernet	1 RJ45 10/100 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
OSD Language	English and more
Power Consumption	5W (Without HDD)
Power Supply	DC48V/3.75A
Working Environment	32°~104°F (0°~40° Celcius)
Working Humidity	Less than 90%RH (Non-Condensing)
Dimensions	11.81" x 8.94" x 2.09" (300mm x 227mm x 53mm)



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

email: info@avycon.com

social: @avycon_aivo

website: avycon.com