

# 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 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 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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# AVR-NSV16P16

## 16 CH. 4K UHD NETWORK VIDEO RECORDER



## 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  
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 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

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 16TB 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

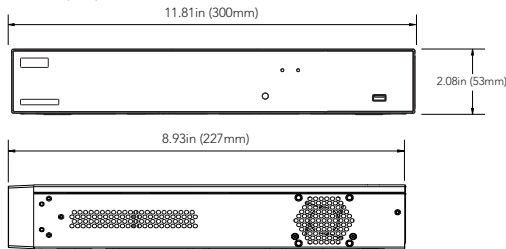
Working Environment 32°~104°F (0°~40° Celcius)

Working Humidity Less than 90%RH (Non-Condensing)

Dimensions 11.81" x 8.94" x 2.09" (300mm x 227mm x 53mm)

## 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



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