

# AVR-DSV816H

NDAA COMPLIANT | CE | FC

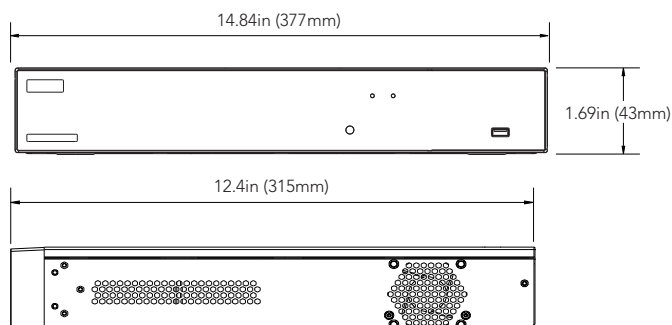
16 CH. 4K UHD DIGITAL VIDEO RECORDER  
8MP / 5MP / 4MP / 1080P / 960P / 720P / 4K HD OVER COAX & UTP

## OVERVIEW

- H.265 codec decoding
- Max. 192Mbps(16CH) input bandwidth
- Up to 8MP(4K) resolution for preview and playback
- Support to install up to 2 HDD, 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
- Optional e-SATA HDD recording
- Ability to convert up to 16 analog channels to have in total 24 IP channels (Total Bandwidth 192mbps)

## DIMENSIONS

Unit : inch(mm)



## MOBILE APP

AVY MOBILE ONE



## REAR PANEL



## SPECIFICATIONS

VIDEO	
Analog Video Input	16CH input
IP Video Input	8CH, (only IP up to 24CH)
Total Video Input	24CH, (Analog + IP)
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 BNC x 1: 704 x 576
Incoming Bandwidth (Mbps)	64Mbps~192Mbps
Outgoing Bandwidth (Mbps)	192Mps
Video Compression	H.264/H.265
Audio Compression	G.711a
Installation Wizard	Yes
HD Analog	8MP @ 15fps / 5MP @ 20fps / 4MP / 1080P / 960P @ 30fps
IP	4K / 4MP / 1080P / 720P
PLAYBACK	
Playback Frame Rate	8MP: 144fps, 5MP:240fps, 4MP: 320fps, 1080P/ 720P/ NTSC:480fps (each CH)
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	Password Reset (Hold 3 seconds), Factory Reset (Hold 8 seconds)
HDD Interface	SATA x 2, Max 32TB HDD (compatible up to 16TB each SATA)
SYSTEM	
PoE	N/A
Ethernet	1 RJ45 100/1000 Base-T
USB	USB 2.0 x 1 (Front Panel), USB 3.0 x 1 (Rear Panel)
Audio	16 IN / 1 OUT
E-Sata	No
RS485	1
Alarm Input/out	16 IN / 1 OUT
GENERAL	
OSD Language	English and more
Power Consumption	20W (Without HDD)
Power Supply	DC12V/5A
Working Environment	32°~104°F (0°~40° Celsius)
Working Humidity	Less than 90%RH (Non-Condensing)
Dimensions	14.84" x 12.4" x 1.69" (377mm x 315mm x 43mm)

## HDD OPTIONS

- 1TB HDD: AVR-DSV816H-1T
- 2TB HDD: AVR-DSV816H-2T
- 3TB HDD: AVR-DSV816H-3T
- 4TB HDD: AVR-DSV816H-4T
- 6TB HDD: AVR-DSV816H-6T
- 8TB HDD: AVR-DSV816H-8T
- 12TB HDD: AVR-DSV816H-12T
- 8TB HDD: AVR-DSV816H-8T
- 10TB HDD: AVR-DSV816H-10T
- 12TB HDD: AVR-DSV816H-12T
- 14TB HDD: AVR-DSV816H-14T
- 18TB HDD: AVR-DSV816H-18T
- 32TB HDD: AVR-DSV816H-32T