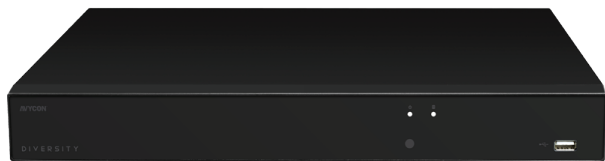


# AVR-DSV516H AI

NDA  
COMPLIANT | CE | FC

H.265 5MP LITE DIGITAL VIDEO RECORDER  
5MP Lite / 4MP / 1080P / 960P / 720P HD OVER COAX & UTP

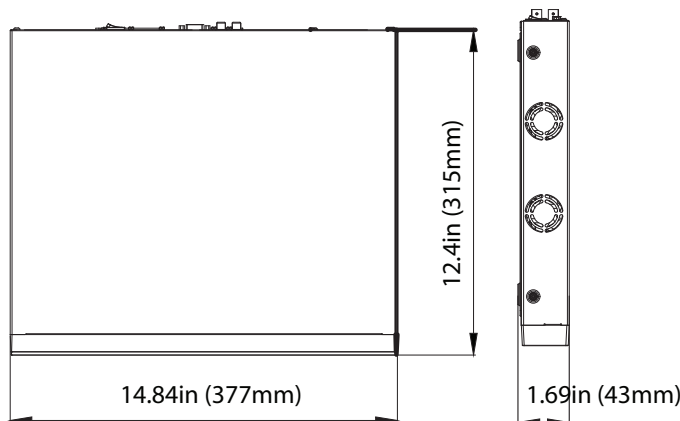


## OVERVIEW

- H.265 codec decoding
- Max. 80Mbps input bandwidth
- Support AHD/TVI/CVI/Analog 960H/IP cameras
- Up to 5MP 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
- Ability to convert up to 16 analog channels to have in total 20 IP channels (Total Bandwidth 80mbps)

## DIMENSIONS

Unit : inch(mm)



## MOBILE APP

AVY MOBILE ONE



## REAR PANEL



## SPECIFICATIONS

CAMERA	
Analog Video Input	16CH input
IP Video Input	4CH, (only IP up to 20CH)
Total Video Input	20CH, (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)	16Mbps~80Mbps
Outgoing Bandwidth (Mbps)	96Mbps
Video Compression	H.264/H.265
Audio Compression	G.711a
Installation Wizard	Yes
HD Analog	5MP Lite @ 20fps / 4MP / 1080P / 960P / 720P
IP	5MP / 4MP / 1080P / 720P
PLAYBACK	
Playback Frame Rate	5MP - Lite:12fps, 4MP - Lite:16fps, 1080P/ 720P/ NTSC:30fps(each CH)
Smart AI	Analog Cameras: not support
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 8CH 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
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	13.8W (Without HDD)
Power Supply	DC12V/2A
Working Environment	32°~104°F (0°~40° Celcius)
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-DSV516H-1T
- 2TB HDD: AVR-DSV516H-2T
- 3TB HDD: AVR-DSV516H-3T
- 4TB HDD: AVR-DSV516H-4T
- 6TB HDD: AVR-DSV516H-6T
- 8TB HDD: AVR-DSV516H-8T
- 12TB HDD: AVR-DSV516H-12T
- 8TB HDD: AVR-DSV516H-8T
- 10TB HDD: AVR-DSV516H-10T
- 12TB HDD: AVR-DSV516H-12T
- 14TB HDD: AVR-DSV516H-14T
- 18TB HDD: AVR-DSV516H-18T
- 32TB HDD: AVR-DSV516H-32T