AVYCON®

AVR-DSV504H AI

NDAA COMPLIANT | CE | FC

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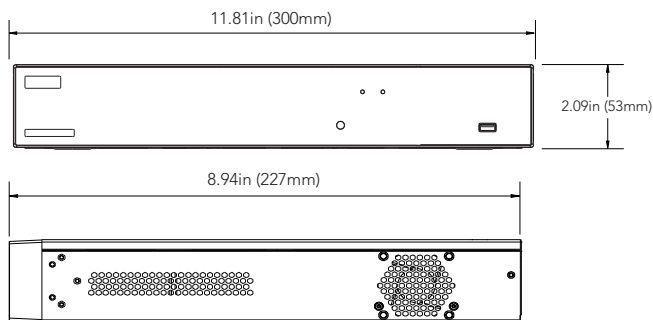
OVERVIEW

- H.265 codec decoding
- Max. 48Mbps(8CH) input bandwidth
- Up to 4K resolution for preview and playback
- Support to install up to 1 HDD, max total capacity of up to 18TB
- 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 5MP resolution
- Support HDD S.M.A.R.T. Monitoring
- Optional e-SATA HDD recording
- Ability to convert up to 4 analog channels to have in total 6 IP channels (Total Bandwidth 24mbps)

DIMENSIONS

Unit : mm(inch)

11.81in (300mm)

2.09in (53mm)

8.94in (227mm)

MOBILE APP

AVYCON ONE

Available on the App Store
ANDROID APP ON Google play

REAR PANEL

AVYCON www.avycon.com

SPECIFICATIONS

CAMERA	
Analog Video Input	4CH input
IP Video Input	2CH, (only IP up to 6CH)
Total Video Input	6CH, (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)	8Mbps~24Mbps
Outgoing Bandwidth (Mbps)	48Mps
Video Compression	H.264/H.265
Audio Compression	G.711a
Installation Wizard	Yes
HD Analog	5MP Lite @ 20fps / 4MP / 1080P / 960P / 720P
IP	8MP / 5MP / 4MP / 1080P / 720P

PLAYBACK	
Playback Frame Rate	5MP-Lite:15fps, 4MP-Lite:18fps, 1080P:15fps, 720P:25fps, NTSC:30fps(each CH)
Smart AI	Analog Cameras: Human & Vehicle Detection (PD&VD), Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Sound Detection, Video Tampering (VD)
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
Reset Button	Password Reset (Hold 3 seconds), Factory Reset (Hold 8 seconds)
HDD Interface	SATA x 1, Max 18TB HDD

SYSTEM	
PoE	N/A
Ethernet	1 RJ45 10/100 Base-T
USB	USB 2.0 x 1 (Front Panel), USB 2.0 x 1 (Rear Panel)
Audio	4 IN /1 OUT
E-Sata	No
RS485	1
Alarm Input/out	4 IN /1 OUT

GENERAL	
OSD Language	English and more
Power Consumption	3.6W (Without HDD)
Power Supply	DC12V/2A
Working Environment	32°~104°F (0°~40° Celcius)
Working Humidity	Less than 90%RH (Non-Condensing)
Dimensions	11.81" × 8.94" × 2.09" (300mm x 227mm x 53mm)

SMART AI FEATURES

AVR-DSV504H	Diversity DVR AI (IPC)	Diversity DVR AI (HD Analog)
Perimeter Intrusion Detection (PID)	Yes	Yes
Line Crossing Detection (LCD)	Yes	Yes
Human & Vehicle Detection (PD&VD)	Yes	Yes
Stationary Object Detection (SOD)	Yes	No
Face Detection (FD)	Yes	No
Tripwire Counting	Yes	No
Cross-Counting (CC)	Yes	No
Sound Detection	Yes	Yes
Rare Sound Detection (RSD)	No	No
Video Tampering (VD)	No	Yes
LPD (LPD Enhance)	No	No
Heatmap (HM)	No	No
Crowd Density Detection (CD)	No	No
Queue Detection (QD)	No	No

HDD OPTIONS

- 1TB HDD: AVR-DSV504H-1T
- 2TB HDD: AVR-DSV504H-2T
- 3TB HDD: AVR-DSV504H-3T
- 4TB HDD: AVR-DSV504H-4T
- 6TB HDD: AVR-DSV504H-6T
- 8TB HDD: AVR-DSV504H-8T
- 10TB HDD: AVR-DSV504H-10T
- 14TB HDD: AVR-DSV504H-14T
- 12TB HDD: AVR-DSV504H-12T
- 18TB HDD: AVR-DSV504H-18T