AVYCON

AVR-DSV808H AI

NDAA COMPLIANT | CE | FC

H.265 4K UHD DIGITAL VIDEO RECORDER
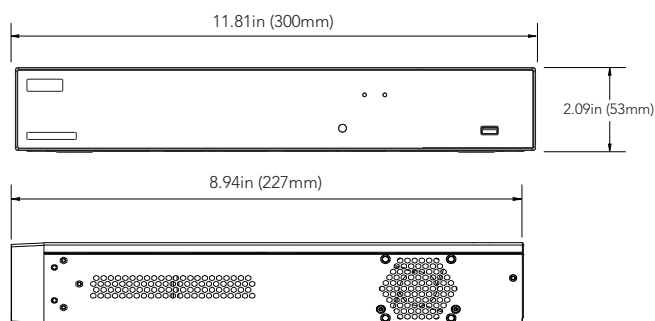8MP / 5MP / 4MP / 1080P / 960P / 720P 4K HD OVER COAX & UTP

OVERVIEW

- H.265 codec decoding
- Full hybrid to support TVI/AHD/CVI/Analog/960H/IP cameras
- Up to 8MP(4K) resolution for preview and playback
- Support to install up to 1 HDD, max total capacity of up to 16TB
- 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
- Ability to convert up to 8 analog channels to have in total 12 IP channels (Total Bandwidth 12mbps)

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	8CH input
IP Video Input	4CH, (only IP up to 12CH)
Total Video Input	12CH, (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)	24Mbps~72Mbps
Outgoing Bandwidth (Mbps)	72Mps
Video Compression	H.264/H.265
Audio Compression	G.711a
Installation Wizard	Yes
HD Analog	8MP @ 15fps / 5MP Lite @ 20fps / 4MP / 1080P / 960P / 720P
IP	8MP / 5MP / 4MP / 1080P / 720P
PLAYBACK	
Playback Frame Rate	8MP:7fps, 5MP:12fps, 4MP:15fps, 1080P/ 720P/ NTSC:30fps(each CH)
Smart AI	Analog Cameras: 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
Password Reset	Password reset (Hold 3 seconds), Factory Reset (Hold 8 seconds)
HDD Interface	SATA x 1, Max 16TB HDD
SYSTEM	
PoE	N/A
Ethernet	1 RJ45 100/1000 Base-T
USB	USB 2.0 x 1 (Front Panel), USB 2.0 x 1 (Rear Panel)
Audio	8 IN /1 OUT
E-Sata	No
RS485	1
Alarm Input/out	8 IN /1 OUT
GENERAL	
OSD Language	English and more
Power Consumption	11W (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)

HDD OPTIONS

- 1TB HDD: AVR-DSV808H-1T
- 2TB HDD: AVR-DSV808H-2T
- 3TB HDD: AVR-DSV808H-3T
- 4TB HDD: AVR-DSV808H-4T
- 6TB HDD: AVR-DSV808H-6T
- 8TB HDD: AVR-DSV808H-8T
- 10TB HDD: AVR-DSV808H-10T
- 14TB HDD: AVR-DSV808H-14T
- 12TB HDD: AVR-DSV808H-12T
- 18TB HDD: AVR-DSV808H-18T

SMART AI FEATURES

AVR-DSV808H (Older Chipset)	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	No
Stationary Object Detection (SOD)	Yes	No
Face Detection (FD)	Yes	No
Tripwire Counting	Yes	No
Cross-Counting (CC)	Yes	No
Sound Detection	No	Yes
Rare Sound Detection (RSD)	Yes	No
Video Tampering (VD)	Yes	Yes
LPD (LPD Enhance)	No	No
Heatmap (HM)	No	No
Crowd Density Detection (CD)	No	No
Queue Detection (QD)	No	No