

AVR-DSV804H

4 CH. 4K UHD DIGITAL
VIDEO RECORDER



H.265 4K UHD DIGITAL VIDEO RECORDER

8MP / 5MP / 4MP / 1080P / 960P / 720P
4K HD OVER COAX & UTP



FUNCTION

- H.265 codec decoding
- Full hybrid to support TVI/AHD/CVI/Analog/960H/IP cameras
- Support AHD/TVI/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 4 analog channels to have in total 6 IP channels (Total Bandwidth 36mbps)



AVYCON[®]

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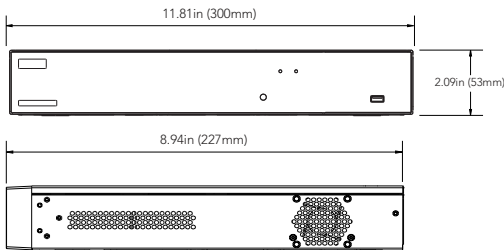
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SPECIFICATIONS

DIMENSIONS



REAR PANEL



AVAILABLE HDD OPTIONS

- 1TB HDD: AVR-DSV804H-1T
- 2TB HDD: AVR-DSV804H-2T
- 3TB HDD: AVR-DSV804H-3T
- 4TB HDD: AVR-DSV804H-4T
- 6TB HDD: AVR-DSV804H-6T
- 8TB HDD: AVR-DSV804H-8T
- 10TB HDD: AVR-DSV804H-10T
- 12TB HDD: AVR-DSV804H-12T
- 14TB HDD: AVR-DSV804H-14T
- 16TB HDD: AVR-DSV804H-16T

MOBILE APP

AVY Mobile One



| DESCRIPTION | AVR-DSV804H |
|--|--|
| 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) | 12Mbps~36Mbps |
| Outgoing Bandwidth (Mbps) | 48Mbps |
| 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 Frame Rate | 8MP:7fps, 5MP:12fps, 4MP:15fps, 1080P/ 720P/ NTSC:30fps(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 8CH 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 | Password Reset (Hold 3 seconds), Factory Reset (Hold 8 seconds) |
| HDD Interface | SATA x 1, Max 16TB HDD |
| Perimeter Intrusion Detection (PID) | Yes |
| Line Crossing Detection (LCD) | Yes |
| Pedestrian Detection and Vehicle Detection (PD and VD) | Yes |
| Stationary Object Detection (SOD) | Yes |
| Face detection (FD) | Yes |
| Crossing Counting (CC) | Yes |
| Rare Sound Detection (RSD) | No |
| Video Tampering (VT) | Yes |
| License Plate Detection Enhance(LPD) | No |
| Heat Map (HM) | / |
| Crowd Density Detection (CD) | / |
| Queue Length Detection (QD) | / |
| 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 | 4 IN /1 OUT |
| E-Sata | No |
| RS485 | 1 |
| Alarm Input/out | 4 IN /1 OUT |
| OSD Language | English and more |
| Power Consumption | 4.7W (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" x 8.94" x 2.09" (300mm x 227mm x 53mm) |