

# AVR-HN516P16

16 CH. 4K UHD NETWORK  
VIDEO RECORDER



## H.265 4K UHD NETWORK VIDEO RECORDER

8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P

**16 PORT POE NVR**

### FUNCTION

- Supports up to 16 Channels 8MP / 5MP / 4MP / 3MP / 1080P 960P / 720P IP Camera video input
- Supports H.265 High Profile Compression with Up to 50% Savings in bandwidth over H.264
  - Intuitive and User-Friendly Graphic User Interface (GUI)
  - True 4K HDMI Output Display
- Multi-Mode Recording: Manual / Scheduled / Motion & Sensor
  - Playback: 16 Channels Simultaneous Playback
- Search: Time Slice, Time, Event, Tag, Smart and Target Database Search
  - Quick and Easy Backup via USB, Network and Mobile App
- Pentaplex Operation: Live View, Record, Playback, Backup and Remote Access
  - Supports DHCP, DDNS, PPPoE and various other Network Protocols
- Remote Access via Web Interface or AVYCON CVMS: Live Playback, Backup, PTZ, and System Configuration
- Dual Stream Technology allows for High Quality Local Recordings and Standard Quality Video for Mobile and Remote Access
  - Allows Simultaneous Online Users to Access Device
- Support PTZ Preset and Auto-Cruise, with Up to 255 Presets and 8 Cruise Paths
  - Support NAT Function and QR Code Scanning Mobile Apps, Eliminating the Need to Configure Port Forwarding
  - Powerful Mobile Apps on iOS and Android

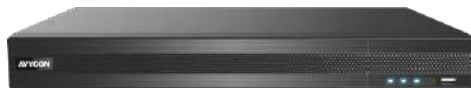


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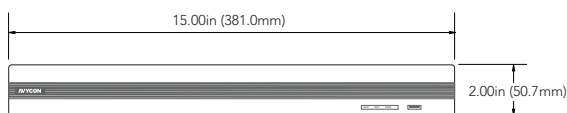
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## 16 CH. 4K UHD NETWORK VIDEO RECORDER



### DIMENSIONS



### REAR PANEL



### AVAILABLE HDD OPTIONS

- 1TB HDD: AVR-HN516P16-1T
- 2TB HDD: AVR-HN516P16-2T
- 3TB HDD: AVR-HN516P16-3T
- 4TB HDD: AVR-HN516P16-4T
- 6TB HDD: AVR-HN516P16-6T
- 8TB HDD: AVR-HN516P16-8T
- 12TB HDD: AVR-HN516P16-12T
- 16TB HDD: AVR-HN516P16-16T
- 18TB HDD: AVR-HN516P16-18T
- 20TB HDD: AVR-HN516P16-20T
- 24TB HDD: AVR-HN516P16-24T
- 28TB HDD: AVR-HN516P16-28T
- 32TB HDD: AVR-HN516P16-32T
- 36TB HDD: AVR-HN516P16-36T
- 42TB HDD: AVR-HN516P16-42T
- 48TB HDD: AVR-HN516P16-48T
- 56TB HDD: AVR-HN516P16-56T
- 64TB HDD: AVR-HN516P16-64T

### MOBILE APP

AVYCON Mobile CVMS



#### DESCRIPTION AVR-HN516P16

|                           |                                                                                                                                          |
|---------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| IP Video Input            | 16 Channels                                                                                                                              |
| Output                    | HDMI: 3840 x 2160 @ 60fps; 3840 x 2160, 1920 x 1080, 1280 x 1024, 1024 x 768 @ 30 fps<br>VGA x 1: 1920 x 1080 / 1280 x 1024 / 1024 x 768 |
| IP Video Input Resolution | 12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 1280 x 1024 / 960P / 720P / 960H / D1 / CIF                                                 |
| Incoming Bandwidth (Mbps) | 112                                                                                                                                      |
| Outgoing Bandwidth (Mbps) | 112                                                                                                                                      |
| Video Compression         | Standard H.264 / H.265                                                                                                                   |
| Network Input             | 16 Channel IPC Audio Input                                                                                                               |
| Local Output              | RCA x 1                                                                                                                                  |
| 2-Way Audio               | RCA x 1                                                                                                                                  |
| Resolution                | 8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P                                                                                              |
| Frame Rate                | 30 fps (NTSC) / 25 fps (PAL)                                                                                                             |
| Record Stream             | Dual Stream Recording                                                                                                                    |
| Smart Search              | Recorded Events are Color-Coded to Reflect the Specific Type of Event that was Recorded (Scheduled, Motion, Alarm, Etc.)                 |
| Search                    | Time slice / Time / Event / Tag Search                                                                                                   |
| Simultaneous Playback     | Max 16 Channels                                                                                                                          |
| Alarm Input               | 16 Channels Local Alarm Input; IPC Alarm Input Supported                                                                                 |
| Alarm Output              | 16 Channels                                                                                                                              |
| Mode                      | Manual, Sensor, Motion, Exception                                                                                                        |
| Triggering                | Record, Snap, Preset, E-Mail, Etc.                                                                                                       |
| HDD Interface             | SATA x 2, Max 18T per HDD                                                                                                                |
| Network Backup            | Yes                                                                                                                                      |
| Local Backup              | USB Flash Drive, USB Mobile HDD                                                                                                          |
| Interface                 | RJ45 10 / 100 / 1,000 Mbps x 2                                                                                                           |
| PoE Port                  | RJ45 x 16                                                                                                                                |
| Protocol                  | TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP, HTTP, HTTPS, 802.1x                                                                   |
| Remote Controller         | Optional                                                                                                                                 |
| USB                       | USB 2.0 x 1 (Front Panel), USB 3.0 x 1 (Rear Panel)                                                                                      |
| Power Supply              | DC 48V                                                                                                                                   |
| Power Consumption         | ≤15W (Without HDD)                                                                                                                       |
| Working Environment       | -4°~122°F (-20°~50° Celcius)                                                                                                             |
| Working Humidity          | 10%~90% (Non-Condensing)                                                                                                                 |
| Dimensions                | 15.00" x 10.50" x 2.00" (381.0mm x 266.7mm x 50.8mm)                                                                                     |



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