

AVR-NN832P16-FD

32 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 32 Channels (8MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P) IP Camera Input
 - Supports H.265 High Profile Compression with Up to 50% Savings in bandwidth over H.264
 - IFS™ (Inactive Frame Shaving)
 - Intuitive and User-Friendly Graphic User Interface (GUI)
 - True 4K HDMI Output Display & VGA 1080P High Definition Display
 - Multi-Mode Recording: Manual / Scheduled / Motion / Sensor
 - Playback: 32 Channels Simultaneous Playback
 - Search: Time Slice, Time, Event, Tag, Smart and Target Database Search
 - Supports Facial Detection and Comparison
 - Supports Multiple Video Analytics, such as Missing or Abandoned Object, Region Intrusion, Tripwire, Video Tampering, etc.
 - Supports POS Information Overlay on Live View and Playback
 - 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
 - Compatibility with a Variety of 3rd-Party IP Cameras including ONVIF, Hikvision, and Others
 - Remote Access via Web Interface or AVYCON CVMS : Live View, 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 by Mobile Apps, Eliminating the Need to Configure Port Forwarding
 - Powerful Mobile Apps on iOS and Android
- Supports Smart Analytics with xHN Series Cameras (available features depend on camera model)
 - NDA A Compliant

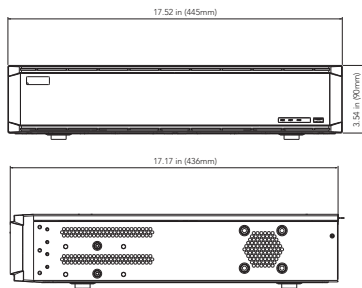


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DIMENSIONS



REAR PANEL



AVAILABLE HDD OPTIONS

- 1TB HDD: AVR-NN832P16-FD-1T
- 2TB HDD: AVR-NN832P16-FD-2T
- 3TB HDD: AVR-NN832P16-FD-3T
- 4TB HDD: AVR-NN832P16-FD-4T
- 6TB HDD: AVR-NN832P16-FD-6T
- 8TB HDD: AVR-NN832P16-FD-8T
- 12TB HDD: AVR-NN832P16-FD-12T
- 16TB HDD: AVR-NN832P16-FD-16T
- 18TB HDD: AVR-NN832P16-FD-18T
- 20TB HDD: AVR-NN832P16-FD-20T
- 24TB HDD: AVR-NN832P16-FD-24T
- 28TB HDD: AVR-NN832P16-FD-28T
- 32TB HDD: AVR-NN832P16-FD-32T
- 36TB HDD: AVR-NN832P16-FD-36T
- 42TB HDD: AVR-NN832P16-FD-42T
- 48TB HDD: AVR-NN832P16-FD-48T
- 56TB HDD: AVR-NN832P16-FD-56T
- 64TB HDD: AVR-NN832P16-FD-64T

MOBILE APP

AVYCON Mobile CVMS



DESCRIPTION AVR-NN832P16-FD

IP Video Input 32 Channels IPC
Output HDMI1: 3840 x 2160 / 1920 x 1080 / 1280 x 1024
VGA x 1: 1920 x 1080 / 1280 x 1024
IP Video Input Resolution 18MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
Incoming Bandwidth (Mbps) 256Mbps
Outgoing Bandwidth (Mbps) 256Mbps
Video Compression Standard H.265

Network Input 32 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 25fps(PAL) / 30fps(NTSC)
Record Stream Dual Stream Recording
Mode Manual, Timer, Motion, Sensor

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 32 Channels

Alarm Input 32 Channels Local Alarm Input; 32 Channels IPC Alarm Input Supported
Alarm Output 4 Channels
Mode Manual, Sensor, Motion, Exception

HDD Interface SATA x 8, Max 18T per HDD; e-SATA x 1

Network Backup Yes
Local Backup USB Flash Drive, USB Mobile HDD

Interface RJ45 10/ 100 / 1,000 Mbps x 1
PoE Port RJ45 x 16
Protocol TCP/ IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP

Remote Controller Yes
USB USB 2.0 x 1 (Front Panel), USB 3.0 x 1 (Rear Panel)

Smart Analytics Support with xHN Series Cameras (available features depend on camera model)
Smart Events People/Vehicle Detection, Line Crossing, Object Abandonment, People Counting, Region Entrance, Crowd Density
License Plate Recognition Supported on v1.4.4 (used with the AVC-NBL21M-L1)
Fisheye Dewarping Supported (used with the AVC-PHN61FLT)
Facial Recognition Supported (used with the latest xHN Series Cameras)

Power Supply ATX
Power Consumption ≤30W (Without HDD)
Working Environment -14°~122°F (-10°~50° Celcius)
Working Humidity 10%~90% (Non-Condensing)
Dimensions 17.51 in × 17.16 in. × 3.54 in. (W × D × H)



AVYCON[®]

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phone: 949-752-7606 / 888-833-4611 (Canada Toll-Free)

email: info@avycon.com

social: @avycon_aivo

website: avycon.com