AVYCON®

AVR-NN816P16C-FD
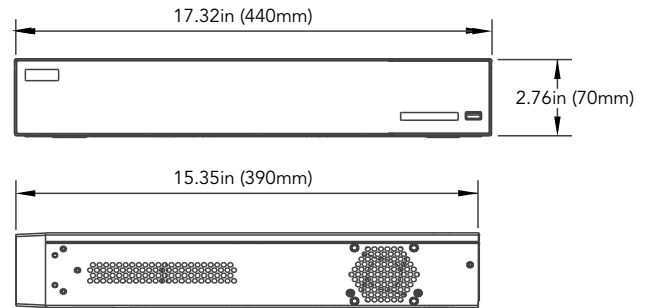
NDAA COMPLIANT | C E | FC

32 CH. 4K UHD NETWORK VIDEO RECORDER
12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P /
16 PORT PoE NVR

OVERVIEW

- Supports up to 32 Channels 12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P IP Camera video input
- Supports H.265 High Profile Compression
- IFS™ (Inactive Frame Shaving)
- True 4K HDMI Output Display & VGA 1080P High Definition Display
- Multi-Mode Recording: Manual / Scheduled / Motion & Sensor
- Playback: 16 Channels Simultaneous Playback
- Search: Time Slice, Time, Event, and Tag Search
- Quick and Easy Backup via USB, Network and Mobile App PTZ, and System Configuration
- 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, Quality Video for Mobile and Remote Access
- 16 Integrated PoE Ports provide power to 16 IP Cameras / PoE Devices 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
- Supports Smart Analytics with xHN Series Cameras (available features depend on camera model)
- NDAA Compliant

DIMENSIONS

Unit : inch(mm)

17.32in (440mm)

2.76in (70mm)

15.35in (390mm)

MOBILE APP

AVYCON MOBILE CVMS

Available on the App Store

ANDROID APP ON Google play

REAR PANEL

AVYCON   www.avycon.com

SPECIFICATIONS

VIDEO	
IP Video Input	32 Channels
Output	HDMI 1: 3840 x 2160, 1920 x 1080, 1280 x 1024
	VGA x 1: 1920 x 1080 / 1280 x 1024
IP Video Input Resolution	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
Incoming Bandwidth (Mbps)	192Mps
Outgoing Bandwidth (Mbps)	192Mps
Video Compression	Standard H.265
AUDIO	
Audio Network Input	16 Channel IPC Audio Input
Local Output	RCA x 1
2-Way Audio	RCA x 1
RECORD / PLAYBACK / DECODING CAPABILITY	
Record Stream	Dual Stream Recording
Resolution	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080P / 960P / 720P
Frame Rate	25fps(PAL) / 30fps(NTSC)
Mode	Manual, Timer, Motion, Sensor
Simultaneous Playback	Max 16 Channels
Search	Time slice / Time / Event / Tag Search
Smart Search	Recorded Events are Color-Coded to Reflect the Specific Type of Event that was Recorded (Scheduled, Motion, Alarm, Etc.)
ALARM	
Alarm Mode	16 Channels Local Alarm Input; 32 Channels IPC Alarm Input Supported
Alarm Output	4 Channels
Mode	Manual, Sensor, Motion, Exception
SYSTEM / STORAGE / BACKUP / PORT	
HDD Interface	SATA x 4, Max 18TB per HDD
Local Backup	USB Flash Drive, USB Mobile HDD
Network Backup	Yes
USB	USB 2.0 x 2, USB 3.0 x 1
Remote Controller	Optional
NETWORK	
Interface	RJ45 10/ 100 / 1,000 Mbps x 1
PoE Port	RJ45 x 16
Protocol	TCP/ IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
AI	
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 & AVC-NBL41M-L1)
Fisheye Dewarping	Supported (used with the AVC-PNN61FLT)
Facial Recognition	Supported (used with the latest xHN Series Cameras)
GENERAL	
Power Supply	ATX
Power Consumption	30W (Without HDD)
Working Environment	-14°~122°F (-10°~50° Celcius)
Working Humidity	10%~90% (Non-Condensing)
Dimensions	17.32" x 15.35" x 2.76" (440mm x 390mm x 70mm)

HDD OPTIONS

- 1TB HDD: AVR-NN816P16C-FD-1T
- 2TB HDD: AVR-NN816P16C-FD-2T
- 3TB HDD: AVR-NN816P16C-FD-3T
- 4TB HDD: AVR-NN816P16C-FD-4T
- 6TB HDD: AVR-NN816P16C-FD-6T
- 8TB HDD: AVR-NN816P16C-FD-8T
- 12TB HDD: AVR-NN816P16C-FD-12T
- 16TB HDD: AVR-NN816P16C-FD-16T
- 18TB HDD: AVR-NN816P16C-FD-18T
- 20TB HDD: AVR-NN816P16C-FD-20T

- 24TB HDD: AVR-NN816P16C-FD-24T
- 28TB HDD: AVR-NN816P16C-FD-28T
- 32TB HDD: AVR-NN816P16C-FD-32T
- 36TB HDD: AVR-NN816P16C-FD-36T
- 42TB HDD: AVR-NN816P16C-FD-42T
- 48TB HDD: AVR-NN816P16C-FD-48T
- 56TB HDD: AVR-NN816P16C-FD-56T
- 64TB HDD: AVR-NN816P16C-FD-64T
- 72TB HDD: AVR-NN816P16C-FD-72T