

EYR-16C16P-NVR

16 Channel 1U 2HDD 12MP Ultra 265 Network Video Recorder

SMART SURVEILLANCE. EVERY MOMENT.

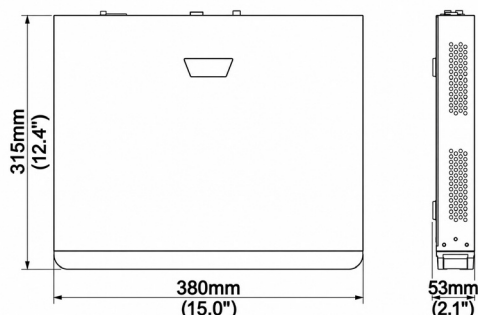


OVERVIEW

The EYR-16C16P-NVR provides powerful and efficient video management for up to 16 IP cameras at up to 12MP, with Ultra 265 / H.265 / H.264 compression. It features 16 independent PoE ports, dual SATA storage up to 10 TB per drive, 4K HDMI output, ANR network recovery, and intelligent detection including Face, Human, Vehicle, Intrusion and Cross-Line Detection.

KEY FEATURES

- 16-channel IP camera input
- 16 independent PoE ports
- Up to 12MP recording resolution
- Ultra 265 / H.265 / H.264 compression
- Dual SATA HDD, up to 10 TB per drive (20 TB total)
- 4K HDMI video output
- HDMI and VGA simultaneous output
- Face detection
- Human and vehicle detection
- Intrusion and cross-line detection
- ANR network recovery technology
- 8-in / 2-out alarm interface



SPECIFICATIONS

Video / Audio Input

IP Video Input	16-ch
RCA Audio Input	1-ch

Network

Network Interface	1 × RJ45 10/100/1000 Mbps self-adaptive Ethernet
Incoming Bandwidth	160 Mbps
Outgoing Bandwidth	128 Mbps
Concurrent Remote Users	128
Protocols	TCP/IP, P2P, UPnP, NTP, DHCP, PPPoE, HTTP, HTTPS, DNS, DDNS, SNMP, SMTP, RTSP
ONVIF	Profile S / G / T
Browser	Chrome 45+, Firefox 52+, Edge 79+ for Windows
Client Software / App	Eyora

PoE

PoE Ports	16 × RJ45 10/100 Mbps
PoE Standard	IEEE 802.3at/at
PoE Budget — total	Max 30 W for single port, Max 240 W in total

Video / Audio Output

HDMI Output	4K (3840×2160) @30, 1920×1080p@60, 1920×1080p@50, 1280×1024@60, 1280×720@60, 1024×768@60
VGA Output	1920×1080p@60, 1920×1080p@50, 1600×1200@60, 1280×1024@60, 1280×720@60, 1024×768@60
Recording Resolution	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 960p / 720p / D1 / 2CIF / CIF
RCA Audio Output	1-ch
Audio Compression	G.711A, G.711U
Synchronous Playback	16-ch
Live View Display	1 / 4 / 6 / 8 / 9 / 16
Corridor Mode Screen	3 / 4 / 5 / 7 / 9 / 10 / 12 / 16

Decoding

Decoding Format	Ultra 265, H.265, H.264
Live View / Playback	12MP / 8MP / 6MP / 5MP / 4MP / 3MP / 1080p / 960p / 720p / D1 / 2CIF / CIF
Capability	Smart Off: 2 × 12MP@30 2 × 4K@30 4 × 4MP@30 10 × 1080P@30 16 × 720P@30 Smart On: 2 × 4K@30 4 × 4MP@30 8 × 1080P@30 16 × 720P@30

Smart / Video Analytics

VCA Detection by Camera	Face Detection, Human Detection, Vehicle Detection, Intrusion Detection, Cross-Line Detection, Motion Detection
VCA Search	Behavior Search
Smart Intrusion	8-ch

Alarm

General Alarm	Defocus Detection, Scene Change Detection, Object Left Behind, Object Removed, Auto Tracking, Motion Detection, Tampering, Human Body Detection, Video Loss, Alarm Input, Audio Detection
Alert Alarm	IP Conflict, Network Disconnected, Disk Offline, Disk Abnormal, Illegal Access, Hard Disk Space Low, Hard Disk Full, Recording/Snapshot Abnormal

Storage & Interface

SATA	2 × SATA interfaces, up to 10 TB per drive (20 TB total)
HDD Supplied	Not included — ordered separately
USB	Front panel: 1 × USB 2.0; Rear panel: 1 × USB 3.0
RS232	Not supported
RS485	1
Alarm In / Out	8 in / 2 out

General

Power Supply	AC 100-240 V, 50/60 Hz, ≤ 190 W rated [PROPOSED — see section 2]
Power Consumption	≤ 12W
Working Environment	-10 °C to +55 °C (+14 °F to +131 °F), humidity ≤ 90% RH non-condensing
Dimensions (W × D × H)	380 mm × 315 mm × 53 mm (15.0" × 12.4" × 2.1")
Weight	N.W. 2.6 kg without HDD; G.W. 2.9 kg
Certifications	CE, FCC, RoHS as per camera range
Warranty	5 years, hardware