

# LXN8432D-P16

Intelligent Series NVR

32-Channel, 4-HDD, AI-  
Equipped NVR with 16 PoE  
Ports



## Key Features

- Smart encoding / H.264 / H.265 video compression
- Up to 16 MP resolution recording
- 16 independent PoE network interfaces
- Independent HDMI (4K, 3840 × 2160) and VGA
- Camera AI Compatibility: Face detection, VCA, MD 2.0, license plate recognition, people counting, heat mapping
- Recorder AI Features: Face recognition, perimeter detection, MD 2.0
- Supports remote configuration and management of IP cameras, such as setting parameters, information retrieval, batch upgrading, and more
- Supports third-party network cameras
- P2P remote management with Pro-X app

## Specifications

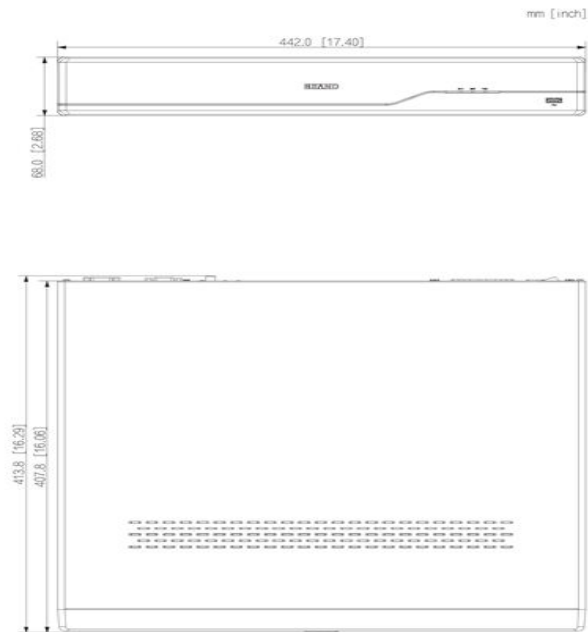
## LXN8432D-P16

Audio / Video	
IP Video Input	32-ch
Recording Resolutions	3, 4, 5, 6, 8, 12, 16 MP; 720, 1080p; CIF; VGA; D1
HDMI Output Resolutions	4K (3840 × 2160), 1920 × 1080, 1280 × 1024, 1280 × 720
VGA Output Resolutions	1920 × 1080, 1280 × 1024, 1280 × 720
Video Output Modes	HDMI / VGA independent output
Two-way Audio Input	1 ch, RCA
Audio Output	1 ch, RCA
Third-party Camera Access	ONVIF; RTSP
Decoding	
Decoding Formats	Smart Encoding; H.265; H.264; H.264H; H.264B; MJPEG
Live View / Playback Resolution	16MP; 12MP; 8MP; 6MP; 5MP; 4MP; 3MP; 1080p; 720p; D1; VGA; CIF
Decoding Capacities	AI ON: 1 ch @ 16 MP (30 fps) / 3 ch @ 8 MP (30 fps) / 5 ch @ 4 MP (30 fps) / 8 ch @ 1080p (30 fps) AI OFF: 2 ch @ 16 MP (30 fps) / 4 ch @ 8 MP (30 fps) / 8 ch @ 4 MP (30 fps) / 16 ch @ 1080p (30 fps)
Synchronous Playback	1, 4, 9, 16 views
Intelligent Functions	
MD 2.0	8 ch, by Camera 4 ch, by NVR
VCA's	8 ch, line crossing by camera 2 ch, line crossing by NVR
Face Recognition	1 ch, face capture and recognition 8 ch, face image comparison alarm, (face images captured by camera)
Face Image Database	Up to 10 face image libraries, with up to 20,000 face images in total
Network	
Incoming Bandwidth	256 Mbps (180 Mbps with AI enabled)
Outgoing Bandwidth	256 Mbps (180 Mbps with AI enabled)
Network Protocols	HTTP; HTTPS; TCP/IP; IPv4 / IPv6; UPnP; SNMP; RTSP; UDP; SMTP; NTP; DHCP; DNS; DDNS
Network Interfaces	1 × RJ-45 10/100/1000 Mbps self-adaptive Ethernet Interface
PoE Interfaces	16 × RJ-45 10/100 Mbps self-adaptive Ethernet interface
PoE Standards	IEEE 802.3 af/at
Mobile Phone Access	Pro-X
Auxiliary Interfaces	
SATA	4 × SATA
Capability	Up to 16 TB per hard drive
Alarm Channels (In/Out)	16 / 4
USB	Front panel: 1 × USB 2.0; rear panel: 1 × USB 3.0
General	
Power Supply	100 to 240 VAC, 50 to 60 Hz
Power Consumption	< 10 W (not including HDD) Total output power of PoE is 150 W, the maximum output power of a single port is 25.5 W
Operating Temperature	14° to 131° F (-10° to 55° C)

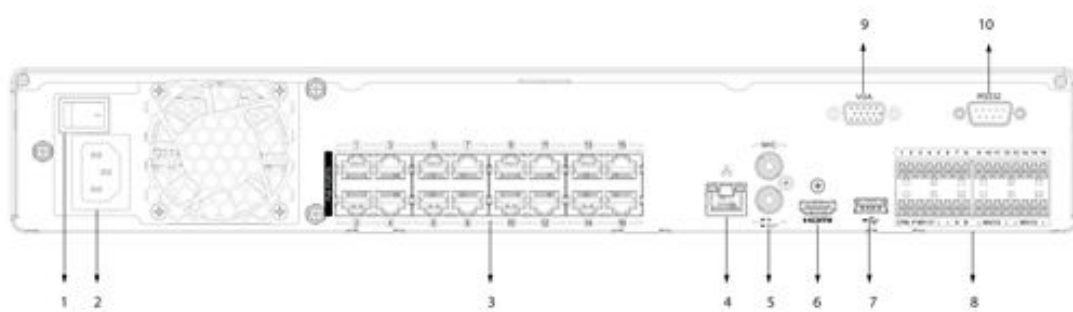
Operating Humidity	10% to 93%
Dimensions (W × D × H)	17.40 × 16.29 × 2.68" (442.0 × 413.8 × 68.0 mm)
Weight	10.24 lbs (4.65kg), without HDD
Certifications	FCC: Part 15 Subpart B



## Dimensions (mm [inch])



## Physical Interface



No.	Description	No.	Description
1	Power Switch	6	HDMI Port
2	Power Supply	7	USB Port
3	PoE Ports	8	Alarm in/out
4	LAN Network Port	9	VGA Port
5	Audio in/out, RCA Connector	10	RS232 Network Port