

Data Sheet

AL-NVR5004-4P-1DP

4CH SMART NETWORK VIDEO RECORDER 4PORT PoE

4CH SMART NVR

- Up to 4-channel input
- Up to 6MP Resolution Recording
- Bandwidth 100Mbps
- 1 SATA interface, up to 6TB
- Audio & management of IP cameras
- Connectable to Onvif network cameras
- HDMI & VGA simultaneous output



4CH PoE NETWORK VIDEO RECORDER

The Alcon AL-NVR5004-4P-1DP NVR is for the Smarter generation. It is a Smart POE NVR which supports up to 04ch IP camera input and recording. It Supports Smart Recording, Smart Search and Smart Plug and Play. It Supports any 3rd party OEM IP camera with ONVIF compliance.

Video Recording & Management

High-Resolution Recording: Supports HD, Full HD and even higher resolutions for detailed surveillance.

Smart Recording: Optimized recording based on motion detection, schedules, or events.

Video Compression: Efficient formats like H.264, H.265, or H.265+ reduce storage requirements without compromising quality.

Customizable Recording Modes: Continuous recording, Motion-based recording & Event-triggered recording

Remote Access & Monitoring

Mobile & Desktop Apps: Provides live viewing and playback via smartphones, tablets, or PCs.

Web Access: Access video feeds via web browsers using IP addresses or dedicated portals.

Multi-Site Monitoring: Centralized viewing of feeds from multiple NVRs in different locations.

Connectivity & Compatibility

ONVIF Compliance: Ensures compatibility with a wide range of IP cameras from different manufacturers.

Ease of Use

Plug-and-Play Setup: Simplifies installation with auto-camera detection.

User-Friendly Interface: Intuitive menus and graphical displays for configuration and monitoring.

Firmware Updates: Ensures up-to-date security and feature enhancements.

Scalability

Expandable Channels: Easily add more cameras as surveillance needs grow.

Integration with VMS: Works with Video Management Software for enterprise-level solutions.

Security & Alerts

Encryption: Protects video streams during transmission and storage.

Multi-User Access Control: Role-based permissions to restrict unauthorized access.

Real-Time Alerts: Notifications for motion, tampering, or system failures via email, SMS, or apps.



Hospital



School/ College



Office

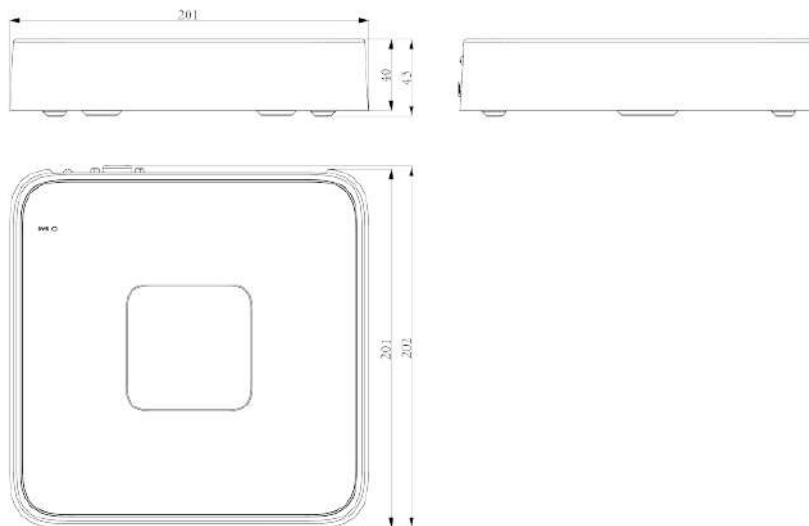


Apartment

Video and Audio		AL-NVR5004-4P-1DP
Access Channel		4
Incoming Bandwidth		60Mbps
Outgoing Bandwidth		40Mbps
Resolution		6MP/5MP/4MP/3MP/1080P/UXGA/720P/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Preview Decoding Capability		6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×2, 3MP(30fps)×2, 1080P(30fps)×4, 720P(30fps)×4, 4CIF(30fps)×4
Playback Decoding Capability		6MP(30fps)×1, 5MP(30fps)×1, 4MP(30fps)×1, 3MP(30fps)×2, 1080P(30fps)×3, 720P(30fps)×4, 4CIF(30fps)×4
Third-party Camera Access		ONVIF; RTSP
HDMI Output		HDMI: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)
VGA Output		VGA: 1024×768(60Hz), (720P)1280×720(50Hz/60Hz), 1280×800(60Hz), 1440×900(60Hz), (1080P)1920×1080(50Hz/60Hz)
Multi-screen Display		Simultaneous Output: VGA: 1/2/3/4 HDMI: 1/2/3/4
Compression		
Video		S+265; H.265; S+264; H.264
Audio		G711A; G711U; ADPCM_DIV4
Stream Type		Video; Video & Audio
Network		
Network Protocol		ARP; DDNS; DHCP; DNS; Easy DDNS; HTTP; ICMP; IGMP; IPv4; IPv6; NTP; RTCP; RTP; RTSP; SSH; TCP/IP; UDP; Unicast; UPnP
Mobile Phone Access		Android; iOS; P2P
System Compatibility		CGI; SDK
Web		IE10+; Firefox52+; Edge89+; Safari11+; Chrome57+
Record Playback		
Multi-channel Playback		4
Record Mode		Alarm Recording; Schedule Recording
Storage Method		Local HDD
Backup		USB storage device
Playback Function		Play/Pause/Stop/Slow /Speed/Backwards 30s/Forwards 30s/Full Screen/Backup (Video Editing)/Digital Zoom
Alarm		
General Alarm		Motion Detection; Mask Alarm; Alarm Input(IPC)
Exceptions Alarm		Video Loss; IP Conflict; MAC Conflict; Network Disconnected; No Disk; Illegal Access; Disk Full; Disk R/W Error; Recording Abnormal; Abnormal found in smart of disk; Abnormal temperature of the disk; PoE Overload; Voltage Alarm(IPC); RTC Failure
Intelligent Analytics		
AI by Camera		Smart Motion
Storage		
HDD Capacity		Up to 6 TB capacity for each HDD
External Port		
USB		2×USB2.0
HDMI		1×HDMI
VGA		1×VGA
Network Interface		1×RJ-45, 10/100 Mbps self-adaptive Ethernet port
SATA		1×SATA interface

PoE	
PoE Interface	4×RJ45, 10/100 Mbps self-adaptive Ethernet port
PoE Budget	28W
Power per PoE Port	28W
Standard	IEEE 802.3 af/at
General	
UI Language	English; Spanish; Italian; Turkish; French; Polish; Dutch; Hebrew ; German; Portuguese
Power Supply	DC48V 1A
Power Consumption	<10W(w without HDD&w without PoE)
NetWeight	0.44kg
GrossWeight	0.81kg
Boundary Dimensions	200(L)200(W)43(H)mm
Package Dimensions	315(L)70(W)235(H)mm
Operating Temperature	-10°C~+55°C (+14°F~+131°F)
Operating Humidity	10%~90%RH (non-condensing)
Storage Temperature	-20°C~+60°C (-4°F~+140°F)
Package Kit	Network Video Recorder; Screw Pack; Mouse; European Standard Power Adapter
Certification	CE, FCC,BIS & RoHS

DIMENSIONS



ORDERING INFORMATION

AL-NVR5004-4P-1DP

4CH 1SATA SMART POE NVR



*Product specifications and availability are subject to change without notice.

