



IP

5X SERIES 16-CHANNEL RACK-MOUNT NVR

Professional IP recording solution for
small- to mid-sized business applications

The Alibi 5X series features convenient plug and play support for compatible IP cameras up to 12.0 MP resolution. The integrated 16 port PoE (Power of Ethernet) switch that supports 802.3af and 802.3at reduces the need for additional network switches.

The 16-Channel Rack-mount NVR has 4 hard drive bays that support up to 40TB (4 x 10TB hard drives) and an incoming bandwidth of 160 Mbps to support up to 16 IP cameras. You can capture higher quality details with a recording resolution of up to 12.0 MP.

Local video outputs include HDMI and VGA. To experience ultra-crisp, high-resolution images, this NVR displays up to 4K Ultra-High Definition (UHD).

This NVR supports H.265+, H.265, H.264+, and H.264 video codecs that help reduce file size, maximize recording time, and save hard drive space.

It is also equipped with 16 alarm inputs and 4 alarm outputs to connect to external devices such as a siren or fire alarm. This enables trigger recording based on the camera location connected to a specific alarm/sensor.

This versatile recorder allows multiple selectable recording modes: continuous, motion detection, POS, schedule, and event. Recording features include event search, event log, and email notification.

Alibi NVRs are packed with great features, but our retail customers are especially happy with the Point of Sale integration that helps them reduce shrinkage caused by employee theft. By combining POS transaction data with video, there is an additional audit trail to help investigate fraudulent transactions and theft incidents. Key features include:

- + Transactional data that appears as text overlay on high resolution video
- + Easy and efficient keyword search that locates corresponding video and transactional evidence
- + Universal TCP/IP POS driver compatible with most PC-based cash registers

1.5U rack-mount design fits standard 19" racks.

Key Features:

- + 16 IP cameras
- + Up to 4K UHD HDMI output support
- + Integrated 16 port PoE switch
- + 12.0 megapixel recording resolution
- + Embedded Linux OS

What's Included:

- + (1) Alibi 5X series 16-channel rack-mount NVR
- + (1) USB mouse
- + (1) Power supply cable
- + (1) 6' HDMI cable
- + (1) 6' CAT5e patch cable
- + (1) Hard drive mounting hardware
- + (1) Rack mount tab hardware



5X SERIES 16-CHANNEL RACK-MOUNT NVR

SPECIFICATIONS

Number of Channels Supported	16
Supported Compression Format	H.265+, H.265, H.264+, H.264
Recording Performance	160 Mbps
Remote Viewing Output Capacity	256 Mbps
Remote Connections	128
Recording Type	Continuous, Schedule, Alarm, Motion Detection, POS, Event
Supported IP Camera Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Supported Playback Resolution	12 MP/8 MP/6 MP/5 MP/4 MP/3 MP/1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Synchronous Playback	2 16-ch @ 12 MP (20fps) / 4-ch @ 8 MP (25fps) / 8-ch @ 4MP (30fps) / 16-ch @ 1080p (30fps)
Video Output	VGA, HDMI, CVBS
HDMI Video Output Formats	HDMI1: 4K (3840 × 2160)/60Hz, 4K (3840 × 2160)/30Hz, 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1600 × 1200/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz HDMI2: 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA Video Output Formats	VGA1: 2K (2560 × 1440)/60Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
CVBS Output Formats	1-ch, BNC (1.0 Vp-p, 75 Ω), resolution: PAL: 704 × 576, NTSC: 704 × 480
Two Way Audio Input	1-ch, RCA (Linear, 1kΩ)
Audio Output	1-ch, RCA (Linear, 1kΩ)
Export Formats	.MP4, .AVI
Ethernet	1x Gigabit RJ-45 self-adaptive Ethernet interface, 16x 10/100 Mbps Self Adaptive PoE Ethernet interfaces
PoE interface	IEEE 802.3af/at supported standard, 200W max power output
USB	2x USB 2.0 (front panel), 1x USB 3.0 (rear panel)
Hard Drive Interface	SATA
Hard Drive Capacity	4x HDDs max., up to 10TB capacity per HDD
eSATA	1x eSATA interface
Serial Interface	1x RS-485, 1x RS232
Alarm Input	16
Alarm Output	4
Operating System	Embedded Linux
Security	Password Protection
Protocols	TCP/IP, UDP, P2P, HTTP, UPnP, RTSP/RTP/RTCP, SMTP, FTP, DHCP, NTP, DNS, ONVIF, HTTP multipart
Power Requirements	100 - 240 Vac
Max. Power	≤ 300 W
Power Consumption	≤ 20W (without HDD or PoE enabled)
Weight	11 lbs. (without HDD)
Dimensions (in.)	15.7 W" × 17.5" D × 2.8" H
Operating Temperature	14°F - 131°F
Color / Material	Black
Material	Aluminum
Approvals	CE, FCC, RoHS, UL