LOREX®
FOR BUSINESS

XC 16-CH NVR
XC 4K 16 Channel NVR

Product Specifications



COMPATIBLE WITH LOREX connect X SERIES

General

Video Transmission Technology	IP
Channels	16 Channels

Inputs / Outputs

Video Inputs	16 × PoE
Network Interface	2 × RJ45 (10/100/1000 Mbps)
Video Outputs	1 × HDMI / 1 × VGA
USB Ports	Front: 2 × USB 2.0 / Rear: 1 × USB 3.0
Audio I/O	1 Input / 1 Output
Alarm I/O	6 Inputs / 2 Outputs
eSATA	1 × eSATA
RS-485	1

Display

Max Display Resolution	4K (3840 × 2160)
HDMI Output Resolutions	3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768
VGA Output Resolutions	1920 × 1080, 1280 × 1024, 1024 × 768
Different Source Output	Supported
Dual Stream	Supported
Live Display Modes	Default (Mirrored): 1/4/8/9/16 Auxiliary Mode: Main 1/4/8, Auxiliary 1/4/8

Recording

Recording Resolutions	12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 720P
Video Compression	Nano Codec (Enhanced H.265 Compression), H.265, H.264, MJPEG
Recording Modes	Continuous, Motion Detection, and AI Motion Detection (Per Channel)

Playback

Synchronized Playback	1/4, 1/2, 1, 2, 4, 8, 16, 32
Search Options	By Time/Date, All Motion Events, or AI Motion Detection (Person and Vehicle)

Storage & Backup

HDD Bays	2 × SATA[1]
Max HDD Storage	Up to 24TB per disk (48TB total max internal)
ANR	Supported
Disk Group	Supported
Backup Media	USB Device, Network, eSATA

AI Smart Features

Detection	Person, Vehicle, Intrusion, Loitering, Wrong-Way, Unauthorized Parking, Smoke and Fire
Perimeter Protection	Line-Crossing, Dual-Line Crossing
Tracking & Monitoring	Smart Motion
Crowd Analytics	Heat Map, People Counting
Advanced Deterrence	Yes
Smart Search	Yes

Network & Connectivity

Mobile App	Lorex Connect App (iOS and Android)
Event Notifications	Video Loss, Beep, Email, Push Notifications
Email Notifications	Text and Snapshot Alerts
Firmware Upgrade	Network, USB
Protocols / Integration	ONVIF Profiles G/M/S/T, RTSP
DDNS	Yes

Security

Password Reset	Yes

Power

Power Supply	100–240VAC
Max PoE Power Output	240 W[6]
Power Consumption (Excluding HDD)	< 15 W

Series Family: X
Series Line: XC
SKUs: RNU01P-64B-AB1, RNU01P-6ZB-AB1



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Physical & Environmental

Color	Black
Product Dimensions (W × D × H)	14.64 x 12.25 x 1.82 in (372 × 311.2 × 46.4 mm)
Product Weight (Excluding HDD)	2.75 kg (6.06 lb)
Operating Temperature	-10°C to 50°C (14°F to 122°F)
Operating Humidity	≤ 90% RH

Package Information - RNU01P-64B-AB1

UPC	6-95529-06634-9
Package Type	Brown Box
Package Dimensions (W × D × H)	10.43 × 20.47 × 17.52 in (265 × 520 × 445 mm)
Package Weight	14.96 lb (6.79 kg)
Package Volume	2.17 ft³ (0.0613 m³)

Package Information - RNU01P-6ZB-AB1

UPC	6-95529-06867-1
Package Type	Brown Box
Package Dimensions (W × D × H)	17.13 × 4.92 × 14.57 in (435 × 125 × 370 mm)
Package Weight	8.51 lb (3.86 kg)
Package Volume	0.71 ft³ (0.0200 m³)

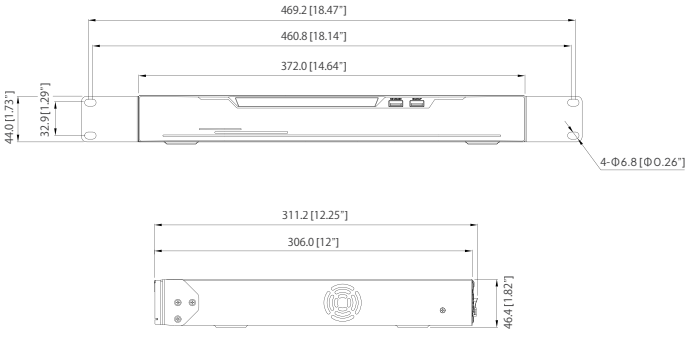
Package Contents

NVR:
1× XC 4K 16 Channel NVR
1× Power Cable
1× HDMI Cable
1× USB Mouse
8× HDD Screws
2× Alarm I/O Terminal Block Connectors
4× Adhesive Foam Feet Pads
Mounting Bracket:
2× Mounting Brackets
6× Screws

Back Panel



NVR & Mounting Bracket Dimensions



Disclaimers:
1. RNU01P-6ZB-AB1 does not include a pre-installed HDD. A compatible HDD is required for local recording and storage.
2. 4K (8MP) IP cameras are required to take advantage of 4K recording.
3. Recording time may vary based on recording resolution and quality, lighting conditions and movement in the scene.
4. Accessing your security system remotely requires a high-speed Internet connection. Ensure your NVR has a wired connection to a router (not included). A minimum upload speed of 6Mbps is recommended for reasonable video performance.
5. HDMI output supports 4K HD for high definition multi-channel live or recorded video viewing. Image quality and resolution is dependent on the type of camera connected to the NVR, as well as TV/monitor resolution.
6. All connected cameras do not typically draw maximum power at the same time. If the total power demand exceeds the NVR's PoE power budget, recording performance may be temporarily affected.

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Series Family: X
Series Line: XC
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