LOREX®
FOR BUSINESS

XC 8-CH NVR

XC 4K 8 Channel NVR

Product Specifications



General

Video Transmission Technology	IP
Channels	8 Channels

Inputs / Outputs

Video Inputs	8 × PoE
Network Interface	1 × RJ45 (10/100/1000 Mbps)
Video Outputs	1 × HDMI / 1 × VGA
USB Ports	Front: 2 × USB 2.0 / Rear: 1 × USB 2.0
Audio I/O	1 Input / 1 Output
Alarm I/O	8 Inputs / 1 Output

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 Auxiliary Mode: Main 1/4, Auxiliary 1/4

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, 8
Search Options	By Time/Date, All Motion Events, or AI Motion Detection (Person and Vehicle)

Storage & Backup

HDD Bays	1 × SATA[1]
Max HDD Storage	Up to 12TB
ANR	Supported
Backup Media	USB Device, Network

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	54VDC/2.5A
Max PoE Power Output	100 W[6]
Power Consumption (Excluding HDD)	< 15 W

Series Family: X
Series Line: XC
SKUs: RNE01P-82B-AB1, RNE01P-8ZB-AB1



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Physical & Environmental

Color	Black
Product Dimensions (W × D × H)	10.04 × 9.25 × 1.78 in (255 × 235 × 45.2 mm)
Product Weight (Excluding HDD)	2.2 lb (1 kg)
Operating Temperature	14°F to 122°F (-10°C to 50°C)
Operating Humidity	≤ 90% RH

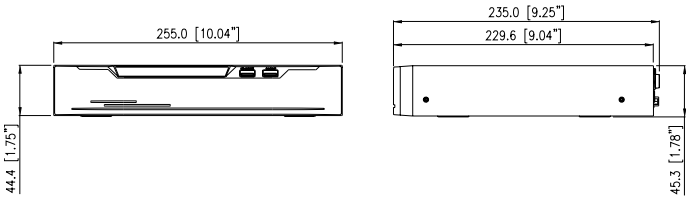
Package Information

UPC	RNE01P-82B-AB1: 6-95529-06633-2 RNE01P-8ZB-AB1: 6-95529-06866-4
Package Type	Brown Box
Package Dimensions (W × D × H)	14.17 × 12.01 × 3.74 in (360 × 305 × 95 mm)
Package Weight	RNE01P-82B-AB1: 5.48 lb (2.48 kg) RNE01P-8ZB-AB1: 4.58 lb (2.08 kg)
Package Volume	0.37 ft³ (0.0104 m³)
Package Contents	1× XC 4K 8 Channel NVR 1× Power Adapter & Cable 1× HDMI Cable 1× USB Mouse 6× HDD Screws 2× Alarm I/O Terminal Block Connectors 4× Adhesive Foam Feet Pads

Back Panel



NVR Dimensions



Unit: mm [in]

Disclaimers:
1. RNE01P-8ZB-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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