

LOREX[®]

FOR BUSINESS

X3 4K MVF

Lorex Connect X3 4K Motorized Varifocal PoE Bullet Camera with Active Deterrence

Product Specifications

Camera

Image Sensor	8MP 1/2.7" CMOS
Max Resolution	4K (3840 × 2160)
Max Frame Rate	25 fps
Aspect Ratio	16:9
Wide Dynamic Range	120 dB True WDR
Min Illumination	Color: 0.01 lux / B/W (IR On): 0 lux
Signal-to-Noise Ratio	50 dB

Lens

Type	Motorized Varifocal
Focal Length / Aperture	2.7-13.5 mm / F1.6
Optical Zoom	5×
Field of View	Diagonal: 106.7°-37.2° Horizontal: 102.5°-33° Vertical: 54°-18°

DORI Distance

Detect	315-892.3 ft (96-272 m)
Observe	126-357 ft (38.4-108.8 m)
Recognize	63-178.5 ft (19.2-54.4 m)
Identify	31.5-89.2 ft (9.6-27.2 m)

Video

Compression	Nano Codec (Enhanced H.265 Compression), H.265, H.264, MJPEG
Video Streams	Main / Sub / Third Stream
Bit Rate Control	CBR / VBR
Video Format	NTSC

Audio

Microphone	Yes
Speaker	Yes
Two-Way Talk	Yes

Night Vision

IR Night Vision	Yes Up to 131 ft (40 m) in total darkness
Color Night Vision	Yes

Series Family: X

Series Line: X3

SKU: CNE01P-2BB-AB1, CNE01P-2BW-AB1

AI Smart Features

Detection	Person, Vehicle, Intrusion, Loitering, Wrong-Way, Unauthorized Parking
Perimeter Protection	Line-Crossing, Dual-Line Crossing
Tracking & Monitoring	Smart Motion
Crowd Analytics	People Counting
Active Deterrence	White Light, Siren, Pre-Recorded Messages ¹

Network & Connectivity

Interface	RJ45 (10/100 Base-T)
Protocols / Integration	ONVIF, RTSP

Storage & Power

Local SD Storage	MicroSD Slot (Up to 1 TB)*
Alarm I/O	1 Input / 1 Output
Power Supply	12V DC / PoE (IEEE 802.3af)
Max Power Consumption	9.6 W (DC) / 12 W (PoE)

Physical

Housing Material	Aluminum Alloy
Colors	Black / White
Mounting Adjustment Range	Pan: 360° / Tilt: 90° / Rotation: 360°
Camera Dimensions (W × D × H)	7.4 × 3.15 × 3.03 in (188 × 80 × 77 mm)
Camera Weight	1.28 lb (0.58 kg)

Environmental

IP Rating	IP66
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Operating Humidity	≤ 90% RH

Package Information

Black: CNE01P-2BB-AB1	UPC: 6-95529-06638-7
White: CNE01P-2BW-AB1	UPC: 6-95529-06639-4
Package Type	Brown Box
Package Dimensions (W × D × H)	9.25 × 4.17 × 4.02 in (235.0 × 106.0 × 102.0 mm)
Package Weight	1.58 lb (0.72 kg)



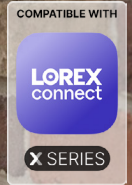
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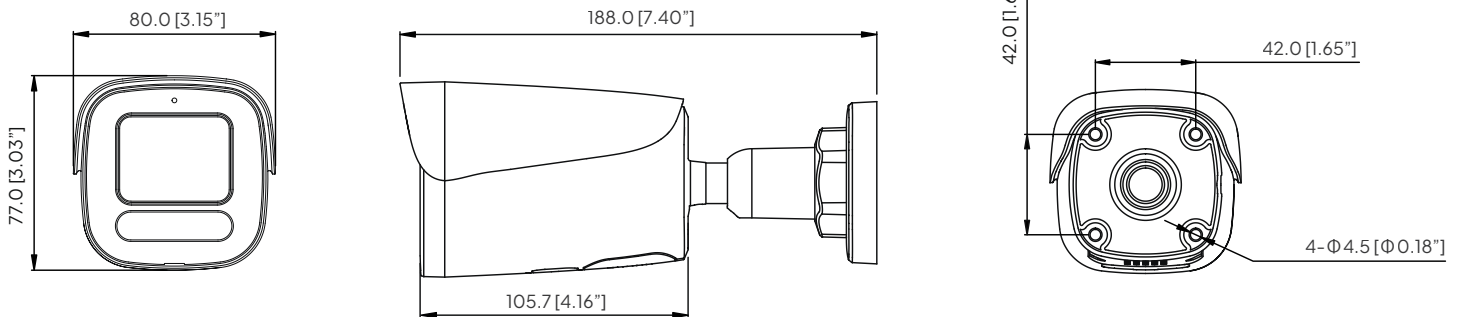
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Package Cube	0.0897 ft ³ (0.00254 m ³)
Package Contents	1 × Lorex Connect X3 4K Motorized Varifocal PoE Bullet Camera with Active Deterrence 1 × Mounting Template 4 × Mounting Anchors 4 × Mounting Screws 1 × Allen Key 1 × Weather-Resistant RJ45 Cable Gland 1 × Alarm I/O Terminal Block Connector

Camera Dimensions



Unit: mm [inch]

Disclaimers:

1. Compatible with select Lorex Network Video Recorders. For a full list of compatible recorders visit: www.lorex.com/compatibility.
2. Color nighttime video typically switches to black & white IR night vision when there is not sufficient ambient light to ensure optimal low-light image quality.
3. Stated IR illumination range is based on ideal conditions in typical outdoor nighttime ambient lighting up to 131 ft / 40 m in total darkness. Actual range and image clarity depends on installation location, viewing area and light reflection/absorption.
4. Audio recording is disabled by default. Audio recording without consent is illegal in certain jurisdictions. Lorex Technology does not assume liability for any use of its product that fails to conform with local laws.
5. Not intended for submersion in water. Installation in a sheltered location recommended.

*A microSD card can be inserted for independent recording. Data can be accessed through the camera using a web browser but will not upload to the NVR or to the cloud for mobile app viewing.

Lorex products are designed for consumer and business use only and not for US federal governments, federally-funded projects or contractors subject to NDAA.

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As our product is subject to continuous improvement, Lorex Technology & subsidiaries reserve the right to modify product design, specifications & prices without notice and without incurring any obligation. E&OE.

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