

LOREX®
FOR BUSINESS

X 2K+ MINI PTZ

Lorex Connect X Series 2K+ Mini PTZ Dome Camera with 5× Optical Zoom

Product Specifications

Camera

Image Sensor	5M 1/2.7" CMOS
Max Resolution	5MP (2880 × 1620)
Max Frame Rate	30 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	55 dB

Lens

Type	Motorized Varifocal
Focal Length / Aperture	2.7-13.5 mm / F1.66-F3.03
Optical Zoom	5×
Field of View	Diagonal: 115°-36.5° Horizontal: 111.5°-32.3° Vertical: 57.5°-17.9°

DORI Distance

Detect	216.5-666.0 ft (66-203 m)
Observe	86.6-266.4 ft (26.4-81.2 m)
Recognize	43.3-133.2 ft (13.2-40.6 m)
Identify	21.7-66.6 ft (6.6-20.3 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

Night Vision

IR Night Vision	Yes Up to 98 ft (30 m) in total darkness

AI Smart Features

Detection	Person, Vehicle, Intrusion, Loitering, Wrong-Way, Unauthorized Parking, Area People Limit, Perimeter
Perimeter Protection	Line-Crossing, Dual-Line Crossing
Tracking & Monitoring	Smart Motion, Auto Tracking
Crowd Analytics	People Counting

Network & Connectivity

Interface	RJ45 (10/100 Base-T)
Protocols / Integration	ONVIF Profiles G/M/S/T, 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	< 12 W (PoE)

Physical

Housing Material	Aluminum Alloy
Color	White
Camera Dimensions (D × H)	Ø 4.61 × 3.91 in (Ø 117.2 × 99.3 mm)
Camera Weight	1.168 lb (0.53 kg)

Environmental

IP Rating	IP67
Operating Temperature	-22°F to 140°F (-30°C to 60°C)
Operating Humidity	≤ 90% RH

Package Information

CNU01P-5PW-AB1	UPC: 6-95529-06643-1
Package Type	Brown Box
Package Dimensions (W × D × H)	5.98 × 5.98 × 5.04 in (151.89 × 151.89 × 128.02 mm)
Package Weight	1.81 lb (0.821 kg)
Package Cube	0.1043 ft^3 (0.002953 m^3)

Series Family: X
Series Line: X PTZ
SKU: CNU01P-5PW-AB1



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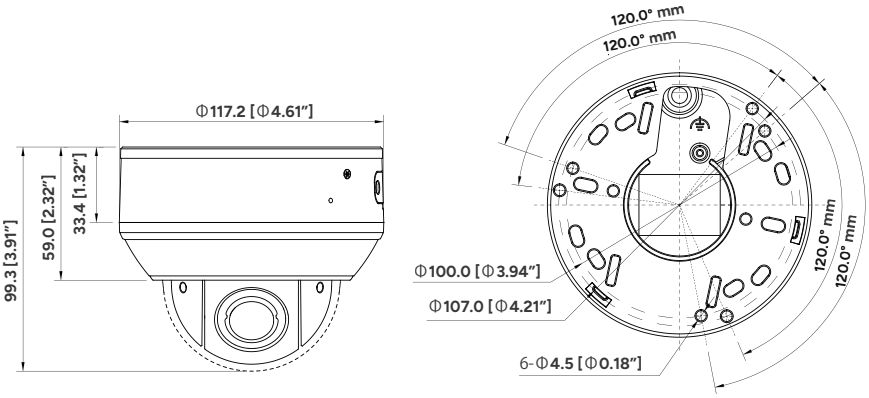
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Product Specifications

Package Contents	1× Lorex Connect X Series 2K+ Mini PTZ Dome Camera with 5× Optical Zoom 1× Mounting Template 3× Mounting Anchors 3× Mounting Screws 1× Torx Key 1× Weather-Resistant RJ45 Cable Gland

Camera Dimensions



Disclaimers:
1. Compatible with select Lorex Network Video Recorders. For a full list of compatible recorders visit: www.lorex.com/compatibility.
2. Stated IR illumination range is based on ideal conditions in typical outdoor nighttime ambient lighting up to 98 ft / 30 m in total darkness. Actual range and image clarity depends on installation location, viewing area and light reflection/absorption.
3. 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.
4. 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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