LOREX connect

V3 4K Bullet
Lorex Connect V3 4K PoE Bullet Camera with Smart AI Detection
Product Specifications



Camera & Imaging

Video Transmission Technology	IP
Image Sensor	1/2.7" CMOS
Lens Type	Fixed 2.8 mm, F1.6
Effective Pixels	3840 (H) × 2160 (V)
Resolution / Frame Rate	4K (8 MP) @ 15 fps
Field of View (FoV)	Diagonal: 126°
Minimum Focusing Distance	6.6 ft (2 m)
Wide Dynamic Range (WDR)	Supported
Electronic Shutter Speed	1/5 – 1/20,000 s (DWDR ON / OFF)
White Balance	Auto / Daylight / Cloudy / Tungsten / Sunset / Night

Video & Audio

Video Compression	H.265 / H.264
Video Bitrate	256 Kbps – 8 Mbps
Video Output	Network (RJ45)
Audio	Built-in Microphone and Speaker
2-Way Talk	Supported (full-duplex)
Speaker Output	85 dB @ 2 ft (0.6 m)

Night Vision & Active Deterrence

Infrared (IR) Night Vision Range	Up to 82 ft (25 m) in total darkness
Color Night Vision & Smart Illumination	Supported
Active Deterrence Light	White Smart Security Lighting

AI Detection & Smart Features

AI Motion Detection	Person and Vehicle Detection

Storage & Power

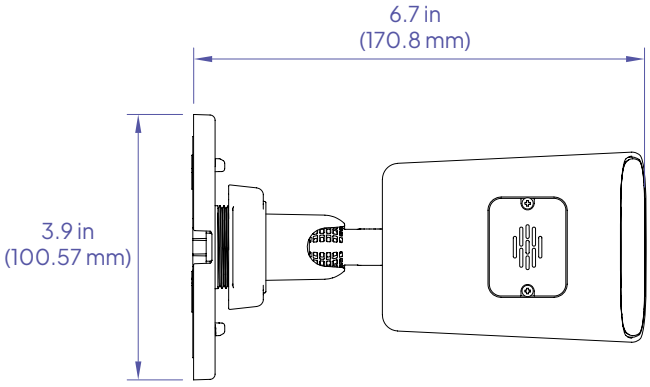
Local Storage	MicroSD Card Slot (up to 256 GB)*
Power Supply	PoE (Power over Ethernet, IEEE 802.3af) / 12 V DC
Maximum Power Consumption	9.5 W

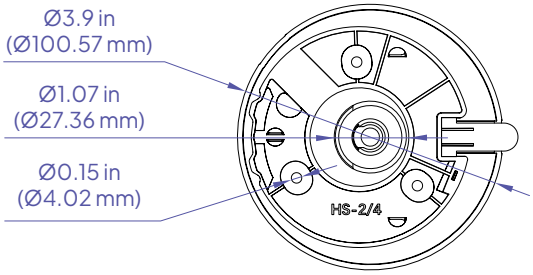
Network & Integration

Ethernet Interface	RJ45 (10/100BASE-T)
Network Protocols	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, SMTP, NTP, UPnP, SNMP, HTTPS, FTP

Physical & Environmental

Housing Material	Metal
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Operating Humidity	≤ 90% RH
Environmental Rating	IP67 (Indoor / Outdoor Use)
Camera Dimensions (W × D × H)	3.9 × 6.7 × 3.9 in (100.57 × 170.80 × 100.57 mm)
Camera Weight	1.20 lb (0.54 kg)





Series Family: V

Series Line: V3

SKU: CN301A-1BW-AE1, CN301A-1BB-AE1

Lorex Corporation
10440 Little Patuxent Parkway, Ste. 300,
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Packaging Information

CN301A-1BB-AB1 (Black)	UPC: 6-95529-06398-0
CN301A-1BW-AB1 (White)	UPC: 6-95529-06397-3
Package Type	Brown Box
Package Dimensions (W x D x H)	9.76 x 5.32 x 4.29 in (248 x 135 x 109 mm)
Package Weight	1.74 lb (0.79 kg)
Package Cube	0.13 ft³ (0.00365 m³)
Package Contents	• 4K Wired PoE Bullet Camera • Mounting Hardware (Template, Plate, 3 x Anchors and Screws)

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 may switch to black & white infrared (IR) night vision when there is insufficient 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 82 ft / 25 m in total darkness). Actual range and image clarity depend on installation location, viewing area, and light reflection or 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 products that fails to comply with local laws.
5. Not intended for submersion in water. Installation in a sheltered location recommended.
6. Cable length is dependent on product configuration. See product packaging for details.

* 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 a compatible 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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