LOREX connect

COMPATIBLE WITH LOREX connect V SERIES



V5 4K TURRET

V5 4K PoE Turret Camera with Color Smart Security Lighting

Product Specifications

Camera & Imaging

Video Transmission Technology	IP
Image Sensor	1/2.7" CMOS
Image Processor	Advanced AI ISP
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: 131°
Minimum Focusing Distance	6.6 ft (2 m)
Wide Dynamic Range (WDR)	Yes
Electronic Shutter Speed	1/5 – 1/20,000 s (DWDR ON / OFF)
White Balance	Auto / Manual

Video & Audio

Video Compression	H.265, H.264
Video Bitrate	256 Kbps – 8 Mbps
Video Output	Network (RJ45)
Microphone	Yes
Speaker	Yes
Speaker Output	81 dB @ 2 ft (0.6 m)
Two-Way Talk	Yes

Night Vision & Active Deterrence

IR (Infrared) Night Vision	Yes Up to 82 ft (25 m) in total darkness
Color Night IQ	Yes
Color Smart Security Lighting	Yes, Multi-Color LED Ring

AI Smart Features

AI Motion Detection	Person, Vehicle, and Face 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 & Connectivity

Ethernet Interface	RJ45 (10/100BASE-T)
Protocols / Integration	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)	3.94 × 3.94 × 3.15 in (100.08 × 100.08 × 80.01 mm)
Camera Weight	0.85 lb (0.39 kg)

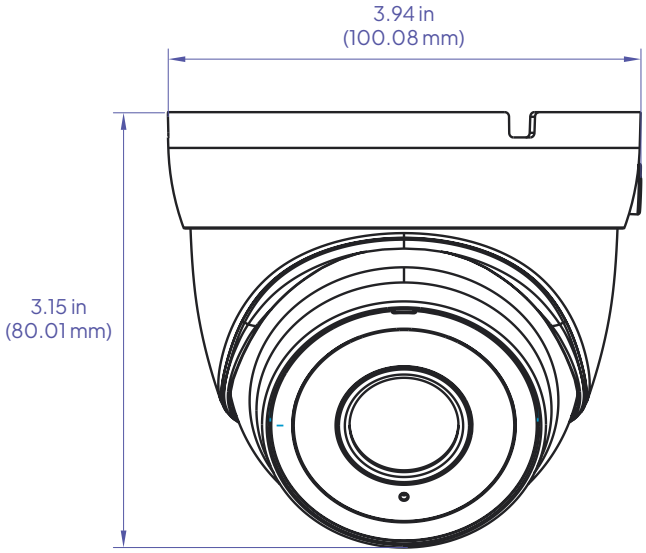
Packaging Information

Black: CN502A-1TB-AB1	UPC: 6-95529-06687-5
White: CN502A-1TW-AB1	UPC: 6-95529-06686-8
Package Type	Brown Box
Package Dimensions (W × D × H)	6.81 × 6.46 × 3.62 in (172.97 × 164.08 × 91.95 mm)
Package Weight	1.28 lb (0.58 kg)
Package Cube	0.09 ft³ (0.00255 m³)
Package Contents	1 × 4K Wired PoE Turret Camera 1 × Mounting Template 1 × Plate 3 × Anchors 3 × Screws

Series Family: V
Series Line: V5
SKU: CN502A-1TB-AB1, CN502A-1TW-AB1



Camera Dimensions



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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SKU: CN502A-1TB-AB1, CN502A-1TW-AB1
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