4K Nocturnal IP Wired Bullet Camera

Professional-Grade Business Monitoring at Its Best

Empower your business with a top performing professional-grade monitoring solution – The Lorex 4K IP Nocturnal Motorized Varifocal Wired Camera. See the finest detail with stellar 4K resolution, providing enhanced clarity and definitive video. Part of the Nocturnal Series, these cameras feature our revolutionary Color Night Vision, which produces detailed color video at night (ambient lighting required). When light is limited, you can always rely on long-range IR night vision with black and white video up to 150ft. Always be aware of activity around your business or know when a delivery arrives with Person/Vehicle Detection, which sends you notifications to your phone no matter your location. Be aware of traffic with the People Counting Feature, which monitors and tracks the number of people entering your business. Never miss a thing with the 4x motorized optical zoom, which allows you to remotely zoom in closely on details without distortion or image quality loss. Durable and secure – with the robust IK10 Vandal-Resistant housing can withstand intense surface impacts. Extend your coverage – with the enhanced ePoE feature, you can install cameras up to 2,000 feet away from your recorder limiting blind spots.

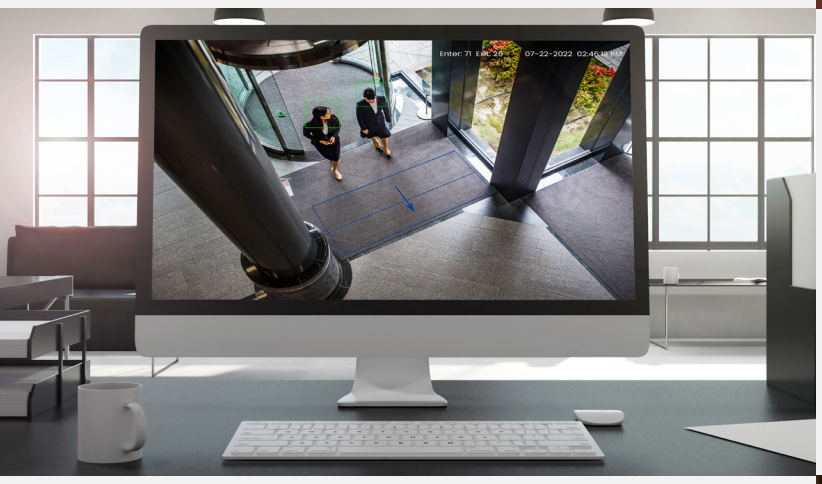
Features

- 4K Resolution
- Color Night Vision
- Person/Vehicle Detection
- People Counting
- 45° – 110° Field of View
- 4× Motorized Optical Zoom
- IK10 Vandal Resistant Rated

LOREX 4K Nocturnal IP Wired Bullet Camera

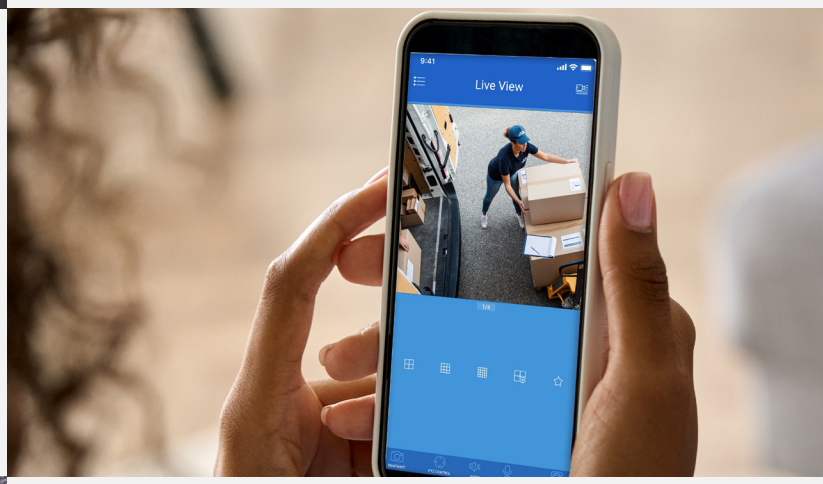
4K See Clearly, Day and Night

- View the finest detail with impressive 4K resolution
- With the Varifocal lens, you can zoom in closely onto detail, with a range of 45° – 110° field of view
- Color Night Vision delivers clear color video, providing clarity to nighttime video (ambient lighting required)



Reliable Security

- With the PoE connection, you will have continuous recording on all cameras ensuring you don't miss a thing
- Extend your coverage - with the enhanced ePoE feature, you can install cameras up to 2,000 feet away from your recorder limiting blind spots



Always Know What's Happening

- Keep an eye on trespassers and vehicles with advanced AI features - Smart Motion Detection, which detects motion from person/vehicle
- Get a record of the number of people entering and exiting your business with People Counting

Vandal-Resistant

- The heavy-duty camera exterior is vandal-resistant, featuring an IK10, which can withstand intense impacts
- The IP67 durable camera exterior ensures protection against harsh weather conditions like extreme winds, snow, and rain

LOREX® 4K Nocturnal IP Wired Bullet Camera

Product Specifications

Camera	
Imaging Device	1/1.8" CMOS
Effective Pixels	3840X2160
Imager Type	CMOS
Image Readout	Progressive Scan
Day/Night	Auto (ICR)/Color/B/W
Day/Night Delay Adjustment	Auto(ICR)/Color/B/W
Mechanical IR Cut Filter	YES
Min. Illumination	0.004 lux@F1.4 (Color, 30 IRE)
Min. Illumination	0.0004 lux@F1.4 (B/W, 30 IRE)
S/N Ratio	>56db
Field of View (H)	Horizontal: 110.4°–45° Vertical: 57.8°–25.2° Diagonal: 133.8°–51.8°
IR Illumination	60M (196.9ft)
IR On/Off Control	YES
Video Output	RJ45
Electronic Shutter Range	Auto/Manual 1/3 s–1/100,000s
Optical	
Lens Type	Motorized vari-focal
Lens Mount	φ14
Iris Type	Fixed
Focal Length	2.7 mm–12.0 mm
Aperture	F1.4
Optical Zoom	Yes, 4 x Optical Zoom
Focus	Auto
Iris Control Type	Auto
Video	
Video Compression	H.265; H.264; H.264H; H.264B; MJPEG (Only supported by the sub stream)
Video Streams	Main stream: 3840× 2160 (1 fps–25/30 fps) Sub stream: D1 (1 fps–25/30 fps) Third stream: 1080p (1 fps–25/30 fps)
Resolution Selection	3840 x 2160; 2592 x 1944; 2688 × 1520; 2560 × 1440; 2304 × 1296; 1080p (1920 × 1080); 1.3M (1280 × 960); 720p (1280 × 720); D1 (704 × 576/704 × 480); VGA (640 × 480); CIF (352 × 288/352 × 240)
Aspect Ratio	16 : 9
Frame rates (Maximum)	30fps
Bit Rate Control	CBR / VBR
Bit Rate Selection	H.264: 3 kbps–8192 kbps H.265: 3 kbps–8192 kbps
Quality Setting Range (Default)	Low - High
Region of Interest (Selectable Area's)	Off / On (4 Zone)
Dynamic Range	120 dB
Wide Dynamic Range	WDR
Backlight Compensation	BLC/HLC
White Balance	Auto/natural/street lamp/outdoor/manual/regional custom
Gain Control	Auto/Manual
Noise Reduction	3D NR
Image Stabilization	YES Electronic Image Stabilization (EIS)
Digital Zoom	N/A
Tamper Detection	N/A
Adaptive Lens Correction (ALC)	NA
Video Mirroring / Rotation	Yes 0°/90°/180°/270°(Support 90°/270° with 4M resolution and lower)
Video Overlay	Time / Date / Camera / Custom
Window Blanking (Privacy)	Off / On (4 Area, Rectangle)
Menu Languages	English
Network	
Protocols	IPv4; IPv6; HTTP; HTTPS; TCP; UDP; ARP; RTP; RTSP; RTCP; RTMP; SMTP; FTP; SFTP; DHCP; DNS; DDNS; QoS; UPnP; NTP; Multicast; ICMP; IGMP; NFS; SAMBA; PPPoE; 802.1x; SNMP
ONVIF Conformance	YES
RTSP Video	YES
Users	20 Users
Unicast	10 Users
Multicast	20 Users
NTCIP (like an ONVIF protocol for traffic, add bitmap to insert bitmap overlay)	NO
SDK / API Availability	SDK / API Availability SDK,cgi
Storage option	NAS, ftp
Audio	
Input/Output	Line Audio-in & Line Audio-out
Encoding	G.711a; G.711Mu; G726
Mechanical	
Camera Body Material	Metal
SD Card Slot	Yes**
Product Dimensions (L x W x H)	273.2 mm × 95.0 mm × 95.0 mm (10.76" × 3.74" × 3.74")
Product Weight	1.11 kg (2.44 lb)
Electrical	
Network Port	RJ45, 10/100 Base-T
Analog Video Out (service only)	No
Power Input	12V DC
Power over Ethernet Type (PoE)	PoE (802.3af)/ePoE
Power Consumption (Maximum)	Basic power consumption: 6.4W (12V DC); 6.9W (PoE) Max. power consumption (H.265 + max. stream + intelligent function + IR LED + focus): 7.1W (12V DC); 7.9W (PoE)
Current Consumption (Maximum)	1A
Edge Storage	No
Built-in Heater	No
Alarm I/O	Yes
Environmental	
Storage Temperature	–30 °C to +60 °C (–22 °F to +140 °F)/Less than 95% RH
Storage Humidity	≤95%
Operating Temperature	–40 °C to +60 °C (–40 °F to +140 °F)
Operating Humidity	≤95%
Cold Start Temperature	N/A
Ingress Protection	IP67
Vandal Resistance	IK10
Certifications	
CE	Yes
FCC	Yes

LOREX® 4K Nocturnal IP Wired Bullet Camera

Model Information

LNB9383	Black Bullet Camera	6-95529-04633-4
LNB9393	White Bullet Camera	6-95529-04635-8

Add-on Accessories Information

ACJNCD4BKB	Black Junction Box	6-95529-02000-6
ACJNCD4B	White Junction Box	6-95529-01999-4

Dimensions

Package	Brown box
Package Weight	3.3lb / 1.5kg
Package Dimensions (W × D × H)	14.3 × 6.9 × 6.9" / 363 × 175 × 175mm
Package Cube	0.3 cbf / 0.01cbm

What's in the box

1 × Bullet Camera

Mounting Kit

Quick Setup Guide

Disclaimers:

1. 4K capable recorder (not included) is required to record video in 4K resolution. 4K TV (not included) is required to view live or pre-recorded 4K video.
2. Smart Motion Detection is enabled by default. When enabled, the camera's recording frame rate needs to be reduced from 30 frames per second to 20 frames per second. To obtain the maximum of 30 frames per second, the camera must be connected to a recorder that supports the maximum frame rate. For a list of compatible recorders, please visit lorextechnology.com/compatibility
3. In order for Person and Vehicle detection to operate, this camera requires a connection to a compatible Lorex Network Video Recorder with smart motion detection technology. For a list of compatible recorders please visit lorextechnology.com/compatibility
4. 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.
5. Stated IR illumination range is based on ideal conditions in typical outdoor nighttime ambient lighting. Actual range and image clarity depends on installation location, viewing area and light reflection/absorption.
6. Not intended for submersion in water. Installation in a sheltered area recommended.

* 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 the NVR or to the cloud for mobile app viewing.

All trademarks belong to their respective owners. No claim is made to the exclusive right to use the trademarks listed, other than the trademarks owned by Lorex Corporation. We reserve the right to change models, configurations or specifications without notice or liability. Product may not be exactly as shown. Images are simulated.

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

Lorex Corporation
10440 Little Patuxent Parkway, Ste, 300,
Columbia, MD 21044, United States

© 2022 Lorex Corporation
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.
(22-0080-LOR) 10272022-3