

LOREX® 4K ULTRA HD SMART DETERRENCE IP CAMERA WITH SMART MOTION DETECTION PLUS



Superior Resolution, Smarter Security

Experience what true 4K has to offer, with superior resolution and an added level of clarity. Using Smart Deterrence, set the motion-activated warning light to only be triggered when a person or vehicle is detected, and when paired with Smart Motion Detection Plus, heighten your security to get notifications when a person or vehicle or a face is detected. Mask Detection is the ability to detect when a person is not wearing a mask. The voice prompt is another benefit that can be used to alert and remind non-mask wearers: "Please wear your face mask". Featuring Safeguard™, you can set up to 3 areas to keep track of items left behind or removed, such as packages or other items of value. Hear and speak directly to visitors on your property using Two-way talk through the Lorex Home™ app. Pair with a compatible Ultra HD NVR to enhance your home monitoring experience.

Clarity, Quality and Coverage

See every detail with 4K UHD definition

- 4K (8MP) Ultra HD, ensuring clear and detailed footage, every time¹
- See more with a wide-angle 108° field of view
- Superior nighttime clarity with Color Night Vision²
- Up to 150ft (46m) IR night vision in low light and 98ft (30m) in total darkness³

Security for Any Situation

Smart Deterrence features that ward off uninvited guests

- Warning light can be programmed to illuminate when a person or when a person or vehicle is detected
- Using 1 of 3 selectable, remote activated sirens to deter unwanted guests
- Built-in mic and speaker allows you to listen and speak to visitors with Two-way talk⁷
- Enhanced Two-way Talk with Quick Response Messages lets you pre-record specific messages with your own voice
- Deter unwanted guests with the remote-activated siren

Smart Motion Detection Plus

Be instantly alerted when either a person, vehicle or face is detected on your property

- Smart motion detection plus offers the option of either Face detection or Person and Vehicle Detection⁴
- By activating Face Detection with Mask Detection Technology, get notifications when a person is not wearing mask. When automatic voice prompts enabled, the system will ask visitors to "Please wear a face mask" when masks are not detected
- Receive notifications when a person, vehicle or face is detected on your property from your Lorex Home™ app⁴

Safeguard

Monitor and track items of value

- Set up to 3 areas to keep track of items left behind or removed, such as packages or other items of value

Features



4K Resolution



Color Night Vision



Person & Vehicle Detection



Mask Detection



108° Field of View



Smart Deterrence



Two-way Talk



4K ULTRA HD SMART DETERRENCE IP CAMERA WITH SMART MOTION DETECTION PLUS

Product Specifications

General

Video Transmission Technology	IP
Image Sensor	8MP/4K 1/2.8" CMOS
Video Format	NTSC
Video Compression	H.265/H.264H (Main Stream & Sub Stream)

Optical

Viewing Angle (Horizontal)	108°
Lens/Lens type	2.8mm F2.0/ Fixed

Video Output

Resolution/Frame rate	4K(8MP)@15fps, 5MP@30fps, 1080p@30fps, 720p@30fps
Effective Pixels	H:3840 x V:2160
HDR	Yes
Termination	RJ45

Audio

Microphone/Speaker	Yes/Yes
Siren	Yes (Siren sound options available)
Two-way Talk	Yes

Night Vision

IR Night Vision Range	150ft (45m)/ 98ft (30m)
Color Night Vision™	Yes

Special Features

Smart Motion Detection Plus	Yes ⁴ - Person and Vehicle Detection
-----------------------------	---

Face Detection	Yes ⁴
Mask Detection	Yes ⁸
Safeguard	Yes - object missing or left behind
Supports in App Quick Messaging	Yes
Active Deterrence	Yes - Warning Light + Siren + Two-way Talk

Additional Specifications

Camera Housing Material	Aluminum Alloy
SD Card Available	Yes (For Service use only)
Power Requirements	PoE (Power over Ethernet Class -802.3af)/12V DC
Power Consumption (max)	660mA / 9.5W
Camera Dimensions (W x D x H)	2.9" x 6.9" x 2.9" (73mm x 175mm x 70mm)
Camera Weight	1.10lbs / 0.49kg
Operating Temperature	-22°F ~ 140°F / -30°C ~ 60°C
Humidity	< 95% RH
Environmental Rating	IP67 (Indoor/Outdoor)

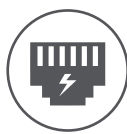
Model Information

E893AB-E	6-95529-03413-3
Configuration	4K Ultra HD IP Smart Deterrence Camera
Package Type	Retail Box
Package Dimensions (W x D x H)	15.0 x 5.3 x 4.9" / 380 x 134 x 125mm
Package Weight	3.1lb / 1.4kg
Package Cube	0.014 cbf / 0.00039 cbm
Junction Box	Compatible with: ACJNCD3B (not included)

What's Included



4K Security Camera



CAT5e Ethernet Cable*



Mounting Kit



Quick Start Guides

Disclaimers:

1. Compatible with select Lorex Network Video Recorders HD 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 98ft/30m in total darkness). Actual range and image clarity depends on installation location, viewing area and light reflection/absorption.
4. For Face Detection to operate, this camera requires a connection to a compatible Lorex Network Video Recorder with smart face detection technology. For a list of compatible recorders please visit: www.lorex.com/compatibility
5. 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
6. Not intended for submersion in water. Installation in a sheltered location recommended.
7. Cable length is dependent on product configuration. See product packaging for details.
8. Mask Detection is compatible with select Lorex Network Video Recorders. For a full list of compatible recorders visit: www.lorex.com/compatibility

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

E893AB
lorex.com

Lorex Corporation
999 Corporate Blvd. Suite 110
Linthicum, MD, 21090, United States

© 2021 Lorex Technology
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.
(21-0040-LOR)121002021-2