

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



Experience the 4K promise of superior resolution and astonishing clarity

With our Smart Deterrence system, you can set the motion-activated light to be triggered only when a person or vehicle is detected, meaning you won't have to deal with false alarms. Paired with Smart Motion Detection Plus, you can get instant notifications when a person, face, or vehicle is detected. Wouldn't you like to confirm whether the person at your door is wearing a mask or not? Mask Detection does exactly that and also features an added voice prompt that can alert unmasked visitors to wear their masks. Safeguard™ features missing and left behind object detection, giving the ability to select up to 3 fields of view. Receive notifications if items in these areas go missing or are left behind, such as a package. 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 upgrade 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 or when a person or vehicle is detected
- Use 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

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



RESOLUTION



COLOR NIGHT VISION™



PERSON & VEHICLE DETECTION



FACE DETECTION



MASK DETECTION



SAFEGUARD™



108° FIELD OF VIEW



SMART DETERRENCE



ENHANCED TWO-WAY TALK

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 (46m)/ 98ft (30m)
Color Night Vision™	Yes

Special Features

Smart Motion Detection Plus	Yes ⁴ - Person and Vehicle Detection
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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 (H x Dia)	4.4" x 4.8" (111mm x 122mm)
Camera Weight	1.1lbs / 0.4kg
Operating Temperature	-22°F ~ 140°F / -30°C ~ 60°C
Humidity	< 95% RH
Environmental Rating	IP67 (Indoor/Outdoor)

Model Information

E893DD-E	6-95529-03847-6
Configuration	4K Ultra HD IP Smart Deterrence Dome Camera
Package Type	Retail Box
Package Dimensions (W x D x H)	11.3 x 6.2 x 5.1" / 287 x 157 x 129mm
Package Weight	3.55lb / 1.6kg
Package Cube	0.20 cbf / 0.005cbm
Junction Box	Compatible with: ACJNCD3B (not included)

What's Included



4K Dome Security Camera



CAT5e Ethernet Cable*



Mounting Kit



Quick Start Guides

Disclaimers:

- Compatible with select Lorex Network Video Recorders HD recorders. For a full list of compatible recorders visit: www.lorex.com/compatibility
- 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.
- 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.
- 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
- 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
- Not intended for submersion in water. Installation in a sheltered location recommended.
- Cable length is dependent on product configuration. See product packaging for details.
- 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.