LOREX®

4K Smart Security Lighting IP Wired Dome Camera

PRODUCT SPECIFICATIONS

General

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

Optical

Viewing Angle (Horizontal)	108°
Lens/Lens type	2.8mm F1.6/ 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

Ambient Nighttime Conditions	150ft (45m)
Total Darkness	98ft (30m)
Color Night Vision	Yes
Smart Motion Detection Plus	Yes [4] - Person and Vehicle Detection
Face Detection	Yes [4]
Mask Detection	Yes [8]
Package Detection	Yes - package missing or package left behind [1]
Supports in App Quick Messaging	Yes
Active Deterrence	Yes - Warning Light + Siren + Pre Recorded Message + Smart Security Lighting [1]

Additional Specifications

Camera Housing Material	Aluminum Alloy
SD Card Slot	Yes*
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 x70mm)
Camera Weight	1.15lbs / 0.52kg
Operating Temperature	-22°F ~ 140°F /-30°C ~ 60°C
Humidity	< 95% RH
Environmental Rating	IP67 (Indoor/Outdoor)

MODEL INFORMATION

E896DD - White	Brown Box	6-95529-05029-4
E896DD-E - White	Retail Sleeve Box	6-95529-05062-1
E896DDB - Black	Brown Box	6-95529-05028-7
Package Weight	3.55lb / 1.6kg	
Package Dimensions (W × D × H)	11.4 × 6.3 × 5.1" / 290 × 160 × 130mm	
Package Cube	0.25cbf / 0.007cbm	

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