



4K Battery-Operated Camera



Product Specifications

Sensor

Imaging Device	1/2.7" CMOS
Sensor Resolution	8 MP
Resolution	3840 × 2160
Scanning System	Progressive
Aspect Ratio	16:9
Min. Colour Illumination	0.05lux @ F1.2(AGC ON)
Min. B/W Illumination	0 lux @ IR ON
Video Transmission	Wi-Fi HaLow (<1GHz)

Lens

Lens Type	Fixed
Focal Length	2.8mm
Aperture	F1.6
Diagonal Field of View	138°
Horizontal Field of View	178°
Vertical Field of View	61°

Features

Person Detection	Yes
Microphone	Yes
Speaker	Yes / Siren
Deterrence Light	Yes
Two-Way Talk	Yes
Operational	
Shutter Mode	Auto
Gain Control	Auto
White Balance	Auto
Wide Dynamic Range	N/A
Digital Noise Reduction	3DNR
Signal to Noise Ratio	≤40 dB
IR Cut Filter	Auto
Night Vision Distance (max.)	40ft / 12m
PIR Distance (max.)	35ft / 10m
Transmission Distance (max., outdoors, line of sight)	1968ft / 600m

Environmental

Operating Temperature/ Humidity	-20°C ~ +50°C / Less than 90% RH Startup: -10°C ~ +50°C*
Ingress Protection	IP66
Camera Housing	
Color / Material	White or black / plastic
Electrical	
Current	max 725mA (active) / 218uA (sleep)
Voltage	5 VDC

Model Information

U855AA-E	White camera	6-95529-04670-9
U855AAB-E	Black camera	6-95529-04671-6

Dimensions

Package	Gift Box
Package Weight	1.6lb / 0.72kg
Package Dimensions (W × D × H)	8 × 3.9 × 7.1" / 203 × 100 × 180mm
Package Cube	0.13cbf / 0.0037cbm

Disclaimers:

- Image quality and frame rate are dependent on the distance and types/locations of objects between the camera and the recorder.
- Stated IR illumination range is based on ideal conditions in total darkness. Actual range and image clarity depends on installation location, viewing area and light reflection/absorption.
- Battery life will vary based on temperature, settings, and number of events.
- Power adapter is highly recommended for busy high-traffic areas, and is required alongside a hard drive for continuous operation. Additional camera power adapters are sold separately.
- Compatible exclusively for models U855A battery-operated cameras.
- Audio recording without consent is illegal in certain jurisdictions. Lorex Technology does not assume liability for any use of its products that fails to conform with local laws.
- Accuracy of Person Detection will be influenced by multiple factors, such as the object's distance from the camera, the size of the object, and the height and angle of the camera. Night vision will also impact the accuracy of detection.
- This camera is IP66 rated for outdoor use. Not intended for submersion in water. Installation in a sheltered location recommended.
- In bundled systems that include this camera, only include 1 battery Pack Power adapter in the packaging.
- From time to time Lorex may release updates for devices and related software. Users must ensure that their systems are up-to-date at all times in order to prevent security issues and improve compatibility and features.

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U855A Series

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