



4K ULTRA HD MOTORIZED VARIFOCAL DOME SECURITY CAMERA WITH COLOR NIGHT VISION™



Clarity, Quality, and Coverage

Never miss important details with the latest 4K Ultra HD dome security camera, featuring a motorized zoom lens, with 4x optical zoom capabilities. The powerful motorized varifocal lens allows you to zoom in and out without any image distortion, ensuring important details aren't overlooked. Equipped with an 8MP image sensor, this camera provides you with superior video, and added clarity. This camera features Color Night Vision™ as well as long-range IR night vision up to 150 ft (45m), so you are covered day or night. Take advantage of other useful security features by pairing this camera with a compatible analog HD recorder.

Picture perfect

See more and know more, with superior definition and detail

- Record 4K (8MP) HD video and experience accurate picture and color representation¹
- Review fine details in increased resolution without losing image quality
- View live video at 15 frames per seconds (fps)

Motorized varifocal lens

Focus on the small details with astonishing clarity

- The built-in motorized varifocal lens retains image quality and pixel density when zooming in on objects
- Get maximum coverage by the digital 4x optical zoom and focus capabilities
- Adjustable field of view range between 112-46° for more coverage

Clear as day - even at night

Take your security one step further with Color Night Vision™ (CNV)

- Experience enhanced nighttime clarity and better video evidence with Color Night Vision™ (ambient lighting required)³
- The large 1/2" image sensor offers high quality nighttime video, even in low-light settings
- IR night vision range of 150ft (45m) in ambient lighting or 98ft (30m) in total darkness²

Built for the outdoors

Install your cameras where you need them most

- IP67 weatherproof rating ensures continuous functionality in all weather conditions
- Operates in temperatures as low as -22°F and as high as 140°F (-30°C to 60°C)
- Aluminum alloy exterior provides additional protection from damage

Features



4K UHD Resolution



Color Night Vision™



up to 150ft (45m)/
98ft (30m) Night Vision



112° - 46° Field of View
with 4x Motorized Zoom



Weatherproof

Product Specifications

General

Video Transmission Technology	Analog HD Multi-format (default CVI)
Image Sensor	8MP/4K 1/2" CMOS
Video Format	NTSC

Optical

Viewing Angle (Horizontal)	112° - 46°
Lens/Lens type	3.7-11mm F1.5/Motorized varifocal
Zoom	4x Optical Zoom

Video Output

Resolution/Frame rate	4K(8MP) @ 15fps, 5MP@ 12fps(AHD/TVI), 960H@ 30fps(CVBS) ¹
Effective Pixels	H:3840 x V:2160 (CVI)
Termination	BNC

Audio

Microphone/Speaker	No/No
Siren	No
2-Way Talk	No

Night Vision

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

What's Included



4K Ultra HD Motorized Varifocal Dome Security Camera



60ft/18m BNC/DC UL Certified Extension Cable



Power Adapter



Mounting Kit



Quick Start Guides

Disclaimers:

1. In order to view 4K video, please ensure your recorder's output settings are set to 4K (3840x2160).
2. Stated IR illumination range is based on ideal conditions in typical outdoor nighttime ambient lighting and in total darkness. Actual range and image clarity depends on installation location, viewing area, and light reflection / absorption level of object. In low light, the camera will switch to black and white.
3. Full color nighttime video typically switches to black & white IR night vision below 1 lux to ensure optimal low-light image quality.
4. Compatible with select Lorex analog HD recorders. For a full list of compatible recorders visit: www.lorex.com/compatibility
5. Not intended for submersion in water. Installation in a sheltered area recommended.
6. This camera should only be used with the supplied cable and power adapter, or an extension cable meeting the specifications listed in the Quick Start Guide / Installation Guide. The use of any other power adapter or cabling will adversely affect performance.

Special Features

Deterrence	No
General	
Camera Housing Material	Aluminum Alloy
Power Requirements	12V DC +/- 10%
Power Consumption (max)	700 mA / 8.4 W
Camera Dimensions (H x Dia.)	3.9"x 4.8" (101mm x 122mm)
Camera Weight	1.30lb / 0.6kg
Operating Temperature	-22F ~ 140°F / -30C ~ +60°C
Humidity	< 90% RH
Environmental Rating	IP67 (Indoor/Outdoor) ⁵

Model Information

C861CH	6-95529-02342-7
Configuration	4K Ultra HD Motorized Varifocal Dome Security Camera
Package Type	Blue Box
Package Dimensions (W x D x H)	8.9 x 7.4 x 6.3" / 228 x 190 x 160mm
Package Weight	3.44lb / 1.56kg
Package Cube	0.24 cbf / 0.006 cbm
Junction Box	Compatible with: ACJNCD3B (not included)

Note: These cameras cannot be powered with a multi-camera power adaptor (e.g 4-in-1 or 8-in-1).