Enhance your home monitoring experience with a camera that features more than twice the resolution of standard 1080p cameras, Color Night Vision, and a robust design. 5MP resolution provides you with Super HD quality video, adding a level of clarity you can really see. With Color Night Vision™, long-range IR night vision, and weatherproof housing, you can keep watch day or night, rain or shine. Connect your camera to a compatible network video recorder to begin your better home monitoring experience.

**Picture Perfect**
Enhance your monitoring experience with Super HD resolution
- View video with more than twice the resolution of 1080p, ensuring clear and detailed footage, every time
- 96° Field of View (horizontal)

**High Dynamic Range (HDR)**
Capture better detail despite varying light conditions
- Cameras automatically adjust to changing light conditions to ensure consistent video quality
- No need to worry about dark areas or glare from sunlight effecting your video clarity, when HDR is turned on

**Color Night Vision™**
See everything clear as day, even at night
- Experience enhanced nighttime clarity and better video evidence with Color Night Vision™ (ambient lighting required)
- Up to 135ft (41m) IR night vision in low light and 90ft (28m) in total darkness

**Indoor/Outdoor Coverage**
Maximize coverage with cameras built for any climate
- Weatherproof Rated (IP67)
- All-metal housing is built to withstand harsh weather conditions
- Operates in temperatures as low as -4°F (-20°C) and as high as 122°F (50°C)

**Features**
- 5MP Super HD Resolution
- Color Night Vision™
- Up to 135ft/41m Night Vision
- High Dynamic Range (HDR)
- All-metal weatherproof camera
## Product Specifications

**General**
- **Video Transmission Technology**: IP
- **Image Sensor**: 5MP 1/2.7" CMOS
- **Video Format**: NTSC
- **Video Compression**: H.265/H.264H (Main Stream & Sub Stream)

### Optical
- **Viewing Angle (Horizontal)**: 96°
- **Lens/Lens type**: 2.8mm F2.0/ Fixed

### Video Output
- **Resolution/Frame rate**: 5MP @ 15fps
- **Effective Pixels**: H:2592 x V:1944
- **HDR**: Yes
- **Termination**: RJ45

### Audio
- **Microphone/Speaker**: No/No

### Night Vision
- **Night Vision Range**: 135ft (41m)/ 90ft (28m)
- **Color Night Vision™**: Yes

### Special Features
- **Deterrence**: No
- **Smart Features**: No

### Additional Specifications
- **Camera Housing Material**: Aluminum Alloy
- **Power Requirements**: PoE (Power over Ethernet) Class 0 / 12V DC
- **Power Consumption (max)**: 550mA / 6.6W
- **Camera Dimensions (W x D x H)**: 2.9" × 7.2" × 2.9" (74mm × 184mm × 74mm)
- **Camera Weight**: 1.15lbs / 0.52kg
- **Operating Temperature**: -4°F ~ 122°F / -20°C ~ 50°C
- **Humidity**: < 95% RH
- **Environmental Rating**: IP67 (Indoor/Outdoor)

### Model Information
- **Configuration**: E581CB-E
- **Package Type**: Retail Box
- **Package Dimensions (W × D × H)**: 13.2 × 5.0 × 4.3" / 335 × 127 × 108mm
- **Package Weight**: 3.5lb / 1.6kg
- **Package Cube**: 0.014 cbf / 0.00039 cbm
- **Junction Box**: Compatible with: ACJNCD3B (not included)

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### What’s Included
- **5MP Security Camera**
- **CAT5e Ethernet Cable* (not included)**
- **Mounting Kit**
- **Quick Start Guides**

**Disclaimers:**
1. 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.
2. Stated IR illumination range is based on ideal conditions in typical outdoor nighttime ambient lighting (up to 90ft/28m in total darkness). Actual range and image clarity depends on installation location, viewing area and light reflection/absorption.
3. Compatible with select Lorex Network Video Recorders. For a full list of compatible recorders visit: [www.lorex.com/compatibility](http://www.lorex.com/compatibility)

* Cable length is dependent on product configuration. See product packaging for details.