



## Clare Video Doorbell

Version 3

CVP-B3DB50-ODIW



The Clare Video Doorbell is your virtual presence at home. Capture important details with the 3 MP 2048x1536 image resolution. The camera includes enhanced nightvision IR up to 16 ft, and 180° x 105° field of view. The built-in microphone and speaker allows the homeowner to speak with their guests with crystal-clear two-way audio and outside noise cancellation.

- 3MP Starlight Sensor: 2048 x 1536 maximum resolution
- Supports mechanical, digital, and no chime installations
- 2.4 GHz and 5 GHz network connectivity
- Nightvision IR up to 16ft
- IP65 rated ingress protection
- Two-way audio with built-in microphone and speaker
- Includes 16GB Micro SD card with support up to 128GB
- PIR sensor detects human motion and prevents unwanted notifications
- Includes power kit, tilt and angle wedges, and 3 faceplates:



### Technical Specifications

#### System Parameters

Processor	High Performance Embedded SOC Processor
Operating System	Embedded RTOS

#### Camera Parameters

Image Sensor	1/2.8" 3 MP Starlight Sensor
Lens	2.2mm lens @ F2.8
Field of view	Vertical: 180°, Horizontal: 105°

#### Video Parameters

Compression Standard	H.264
Video streaming	Main Stream: 1080P@20fps
Maximum Resolution	2048 x 1536, QXGA
Frame Rate	50 HZ @ 25 FPS, 60 HZ @ 30 FPS Adaptive frame rate based on network transmission

DNR	3D DNR
Wide Dynamic Range	DWDR
BLC	Supported

#### Audio Parameters

Audio input	Built-in Omni-Directional Microphone
Audio output	Built-in Loudspeaker
Audio quality	Noise Suppression and Echo Cancellation

#### Infrared Nightvision

Infrared Distance	16 ft, (5 m)
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#### Network Parameters

Wireless	Built-in 2.4 GHz & 5 GHz Wi-Fi
Network Configuration	AP Pairing
Network Requirements	Minimum of 2Mbps

#### Storage

Local Storage	Includes 16GB Micro SD card with support up to 128GB
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#### Event

Sensor	PIR Human Detection Sensor
Alarm	Alert Area

#### General

Power	8V AC ~ 24V AC
Power Consumption	Maximum 5W
Working Temperature	-22° F to 140° F (-30° C to 60° C)
Working Humidity	95% or less
Ingress Protection Grade	IP65
Dimensions	5.11 x 1.82 x 0.85 in (13 x 4.63 x 2.15 cm)
Weight	.27 lb (125 g)
Color Options	Includes white, black, and copper cover plates

By making home technology simple, Clare provides exclusive benefits to integrators, builders, and homeowners. We offer innovative home automation solutions, Class D amplifiers, media distribution, controllable lighting, and IP CCTV components. For more information, visit [clarecontrols.com](http://clarecontrols.com).