



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 edge-to-edge field of view of 180°. 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 Sony Starlight Sensor
- 2048 x 1536 maximum resolution
- 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
- On-board storage with Micro SD up to 128GB
- Supports human detection and custom detection area
- Includes power kit, pan, tilt, angle wedges, and 3 faceplates:



Technical Specifications

System Parameters

| | |
|------------------|---|
| Processor | High Performance Embedded SOC Processor |
| Operating System | Embedded RTOS |

Camera Parameters

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|---------------|----------------------------------|
| Image Sensor | 1/2.8" 3 MP Starlight Sensor |
| Lens | 2.2mm lens @ F2.4 |
| Field of view | Vertical: 180°, Horizontal: 105° |

Video Parameters

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|----------------------|---|
| 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

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

Infrared

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|-------------------|--------------|
| Infrared Distance | 16 ft, (5 m) |
|-------------------|--------------|

Network Parameters

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|-----------------------|--------------------------------|
| Wireless | Built-in 2.4 GHz & 5 GHz Wi-Fi |
| Network Configuration | AP Pairing |

Storage

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|---------------|------------------------------|
| Local Storage | Micro SD Support up to 128GB |
|---------------|------------------------------|

Event

| | |
|--------|----------------------------|
| Sensor | PIR Human Detection Sensor |
| Alarm | Customized Alert Area |

General

| | |
|--------------------------|---|
| Power Supply | 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 bronze 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.