# DoorBird IP video door intercom D1100E for integration purposes - Engineering Edition

**Product number** 1298-D1100E



## Product description

## DoorBird IP video door station D1100E Engineering Edition for integration purposes

The DoorBird IP video door station D1100E Engineering Edition is intended for integration into bespoke front panels, mailbox systems, call panels and custom-made solutions. It combines IP-based door communication with 1080p HDTV video, two-way audio, night vision, a 4D motion sensor and a freely configurable bistable latching relay.

The DoorBird D1100E can be connected to the network via LAN or WLAN. For wired installations, power can be supplied via Power over Ethernet. Alternatively, the door station can be powered with 15 V DC. For installations over existing two-wire lines, a suitable DoorBird 2-wire Ethernet PoE+ converter can be used.

**For bespoke mailbox systems and door stations**

The Engineering Edition is specifically designed for integration purposes. Call buttons are not included and are available separately. This makes the D1100E particularly suitable for customised mailbox systems, call panels or customer-specific front plates where design, material and arrangement are planned individually.

**IP door communication with app, SIP and smart home integration**

Visitors can be displayed and spoken to via smartphone, tablet or SIP-enabled systems. The open API allows integration into third-party, smart home and NVR systems. Via the DoorBird app you can configure schedules, relay actions, push notifications, automatic door opening, geofencing and other events individually.

### Technical data

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| **Product** | DoorBird IP video door station D1100E Engineering Edition for integration purposes |
| **Version** | Engineering Edition for integration purposes |
| **Application** | Integration into bespoke front panels, mailbox systems, call panels and custom-made solutions |
| **Power supply** | 15 V DC, max. 15 W, or Power over Ethernet (PoE) 802.3af Mode-A |
| **Operating conditions** | -25 °C to +55 °C<br>Relative humidity 10% to 85%, non?condensing |
| **Camera** | HDTV 1080p, dynamic from VGA to HDTV |
| **Lens** | High-end ultra-wide-angle, hemispheric, 180° diagonal, 150° horizontal, 82° vertical, dewarped, IR-capable |
| **Night vision** | Light sensor, automatic IR cut filter, infrared LEDs at 850 nm |
| **Audio** | Speaker and microphone<br>Echo and noise suppression, AEC and ANR<br>Two-way audio, full-duplex |
| **Ethernet** | PoE 802.3af Mode-A, 10/100 Base-T |
| **WLAN** | 2.4 GHz b/g/n |
| **Supported protocols** | HTTP, HTTPS, SSL/TLS, Bonjour, DNS, RTSP, RTP, TCP, UDP, RTCP, ICMP, DHCP, ARP, SIP, DTMF, STM |
| **Connections** | LAN/PoE (T+, T-, R+, R-)<br>Bistable self?holding switching relay #1, max. 1–24 V DC / V AC, 1 A, e.g. for an electric door opener<br>External input for external door opener button, potential?free<br>One hardware expansion module (COM1)<br>15 V DC input (+, -), max. 15 W |
| **Relay** | 1 x freely configurable bistable latching relay, e.g. for electric door openers or gates |
| **Hardware expansion** | Connection for a hardware expansion module via COM1 |
| **Motion sensor** | Active 4D motion sensor<br>Detection angle 80° horizontal, 50° vertical<br>Range 1–6 m, depending on environment, configurable in 1 m steps |
| **Motion sensor configuration** | Range<br>Direction of movement: approaching, leaving or both<br>Custom events, e.g. trigger relay, push notification, SIP call or HTTP(s) request<br>Custom schedules |
| **Integrated wireless modules** | WLAN 2.4 GHz<br>Bluetooth Low Energy, compatible with the DoorBird Bluetooth keyfob remote A8007<br>24 GHz sensor, can be disabled |
| **IP features** | Video and audio call to smartphone, tablet or SIP-enabled devices<br>Open API for third-party and SIP integration<br>Smart Transmission Mode, STM<br>Visitor history with free image storage, optional video recording available<br>Automatic door opening<br>Geofencing<br>Smart home and NVR integration |
| **Simultaneous video streams** | One stream for event-based recording |
| **Ingress protection rating** | IP65 |
| **Approvals** | CE, FCC, IC, RoHS, REACH, IEC/EN 62368, IEC/EN 62471, Wi?Fi CERTIFIED™ |
| **Recommended mounting height** | Camera lens at least 145 cm; the optimal mounting height must be checked for the specific installation before fitting |

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| **System requirements** | Mobile device with current iOS or Android<br>High-speed fixed-line broadband connection via DSL, cable or fibre<br>No SOCKS or proxy server<br>Ethernet network with DHCP |
| **EAN** | 4260423867369 |
| **Manufacturer part number** | 423867369 |
| **Scope of delivery** | 1 x main electrical unit<br>1 x plug?in power supply 110–240 V AC to 15 V DC with up to 4 country adapters<br>1 x screwdriver<br>1 x quick start guide with Digital Passport<br>1 x installation manual<br>1 x small parts |
| **Optional accessories** | DoorBird plug?in power supply 15 V<br>DoorBird 2?wire Ethernet PoE+ converter A1072<br>DoorBird IP I/O door controller A1081<br>DoorBird call buttons and compatible hardware expansion modules, available separately |

### Notes

- The DoorBird D1100E is an Engineering Edition for integration purposes and is supplied without call buttons.
- Call buttons and compatible hardware expansion modules are available separately.
- For installation into custom front panels, DoorBird’s notes and technical drawings must be observed to preserve the warranty.
- For bespoke front panels, mailbox systems and call panels, proper planning of the installation position, cable routing, drainage and ventilation is required.
- Installation must be carried out by a qualified electrician.

## Dimensions

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| **Width in mm** | 56.5 |
| **Height in mm** | 115.5 |
| **Total width in mm** | 56.5 |
| **Depth in mm** | 36.4 |
| **Weight in kg** | 0.19 |

# More images




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