DoorBird IP Video Door Intercom D2200E for Integration Purposes - Engineering Edition

Product number 1298-D2200E



Product description

DoorBird IP Video Door Intercom D2200E Engineering Edition for Integration Purposes

The DoorBird IP Video Door Intercom D2200E Engineering Edition is designed for integration into bespoke front panels, mailbox systems, doorbell panels and custom-made solutions. It combines IP-based door communication with a 5-megapixel camera with HDR, two-way audio, dual-frequency RFID access control, Bluetooth Low Energy, a 4D motion sensor and two freely configurable bistable latching relays.

The DoorBird D2200E is connected to the network via LAN and powered by Power over Ethernet according to PoE 802.3at Mode A/B. With a suitable installation, network connection can also be provided via an existing two-wire line in conjunction with a DoorBird 2-wire PoE+ converter. In addition, a 12 V DC output with 0.48 A is available, for example to power an electric door opener.

For bespoke mailbox systems and door stations

The Engineering Edition is specifically designed for integration purposes and for mounting behind custom front panels. Call buttons and hardware expansion modules are not included and are available separately. For multi-tenant systems, licensed multi-tenant support as well as compatible multi-participant modules, keypads, displays, fingerprint readers and information modules can be used.

IP door communication with video, audio and modern access control

Visitors can be displayed and addressed via smartphone, tablet, SIP phone or FRITZ!Fon. The open API enables integration into smart home, building automation, access control and NVR systems. Via the DoorBird app, schedules, RFID permissions, relay actions, motion events and other functions can be configured individually.

Technical Data

Briefkasten Manufaktur Lippe GmbH
Werler Straße 60
32105 Bad Salzuflen

www.briefkasten-manufaktur.de
info@briefkasten-manufaktur.de
Tel.: +49 5222 807110

Geschäftsführer Oliver Woineck
Ust.ID.Nr. DE303690847
Handelsregister Amtsgericht Lemgo, HRB 8618

Product	DoorBird IP Video Door Intercom D2200E Engineering Edition
Version	Engineering Edition for integration purposes
Application	Integration into bespoke front panels, mailbox systems, doorbell panels and custom solutions
Power supply	Power over Ethernet, PoE 802.3at Mode A/B
Power output	12 V DC, 0.48 A, e.g. for an electric door opener
Dimensions	186 x 76 x 48.5 mm (H x W x D)
Weight	Approx. 400 g
Operating conditions	-25 °C to +55 °C Relative humidity 10% to 85%, non?condensing
Camera	5?megapixel camera with HD video and HDR, dynamically from VGA to HD
Lens	High?end ultra?wide angle, hemispherical, 180° diagonal, 140° horizontal, 100° vertical, de?warped and IR?capable
Night vision	Light sensor, automatic IR?cut filter, 2 infrared LEDs at 850 nm
Audio	Speaker and microphone Echo and noise suppression, AEC and ANR Two?way audio, full duplex
Ethernet	RJ45 socket, PoE 802.3at Mode A/B, 10/100 Base?T
Supported protocols	HTTP, HTTPS, SSL/TLS, Bonjour, DNS, RTSP, RTP, TCP, UDP, RTCP, ICMP, DHCP, ARP, SIP, DTMF, STM, WebRTC
Interfaces	RJ45 for LAN/PoE Bistable latching relay #1 (NO/COM/NC), max. 24 V DC/AC, 1 A Bistable latching relay #2 (NO/COM/NC), max. 24 V DC/AC, 1 A External input #1 External input #2 USB Type?C module connector for touch display 12 V DC / 0.48 A output, e.g. for electric door opener RS485 Wiegand OSDP
Relays	2 x freely configurable bistable latching relays, each max. 24 V DC/AC and 1 A, e.g. for electric door openers, gates or other switching functions
Relay expansion	Extension or remote switching possible via a DoorBird IP I/O door controller
Wiegand / OSDP / RS485	Hardware interfaces for integration of external access control systems OSDP and RS485 hardware present, activation via subsequent software update Wiegand inputs and outputs present in hardware, activation via subsequent software update Wiegand protocols: 26, 30, 31, 34 and 44 bit Maximum Wiegand cable length: 150 m
Motion sensor	Active 4D motion sensor Detection angle 54° horizontal, 70° vertical Range 1–10 m, depending on environment, configurable in 1 m increments Technology based on multiple integrated sensors and algorithms, including radio frequency energy (RFE)
Motion sensor configuration	Range from 1 to 10 m Movement direction: approaching, departing or both Custom events, e.g. trigger relay, push notification, SIP call or HTTP(s) notification Individual schedules

RFID	Dual?frequency RFID reader with 125 kHz and 13.56 MHz Active Reader Passive Tag (ARPT) system Range 0–3 cm, depending on environment Up to 3,000 tags can be managed
RFID 125 kHz	ISO/IEC 18000?2:2009 Part 2 EM4100 and EM4102 Frequency 125 kHz
RFID 13.56 MHz	UID (CSN) of MIFARE Classic®, MIFARE DESFire® EV1 and EV2 ISO14443A, ISO14443B and ISO15693 NFC® with required HCE support Frequency 13.56 MHz
RFID configuration	Managed via the DoorBird app Add and remove tags Custom events, e.g. trigger relay, SIP call or HTTP(s) notification Individual schedules
Bluetooth	Bluetooth Low Energy (BLE) for access control, compatible with the DoorBird Bluetooth Keyfob Remote A8007
Integrated radio modules	RFID 125 kHz and 13.56 MHz, deactivatable 24 GHz sensor, deactivatable Bluetooth Low Energy (BLE)
IP features	Video and audio call to smartphone, tablet, SIP phone or FRITZ!Fon Open API for third?party and SIP integration Smart Transmission Mode, STM Visitor history with free image storage, optional video recording via Cloud Pro Door opener automation Geofencing Individual time and action schedules Smart home, access control and NVR integration
Simultaneous video streams	One stream for event?based and continuous recording
Protection rating	IP65, IK08
Approvals	CE, FCC, IC, RoHS, REACH, WEEE, IEC/EN 62368, IEC/EN 62471
Recommended mounting height	Camera lens at least 145 cm; the optimal mounting height should be determined for the specific installation prior to fitting
System requirements	Mobile device with current iOS or Android High?speed fixed?line broadband connection via DSL, cable or fibre No SOCKS or proxy server Ethernet network with DHCP
EAN	4251489653058
Manufacturer item number	429653058

Scope of delivery	1 x electrical main unit 1 x mounting plate for securing the main unit 2 x yellow call button cable 1 x green module cable 1 x red module cable 1 x RFID key fob 1 x screwdriver 1 x quick start guide with digital passport 1 x installation manual 1 x small parts
Optional accessories	DoorBird 2?wire PoE+ converter A1072 DoorBird IP I/O door controller A1081 DoorBird dual?frequency RFID transponder key fob A8005 DoorBird Bluetooth keyfob remote A8007 Call buttons and hardware expansion modules, available separately Multi?participant modules, keypads, displays, fingerprint readers and information modules, depending on application Hearing loop available as an option

Notes

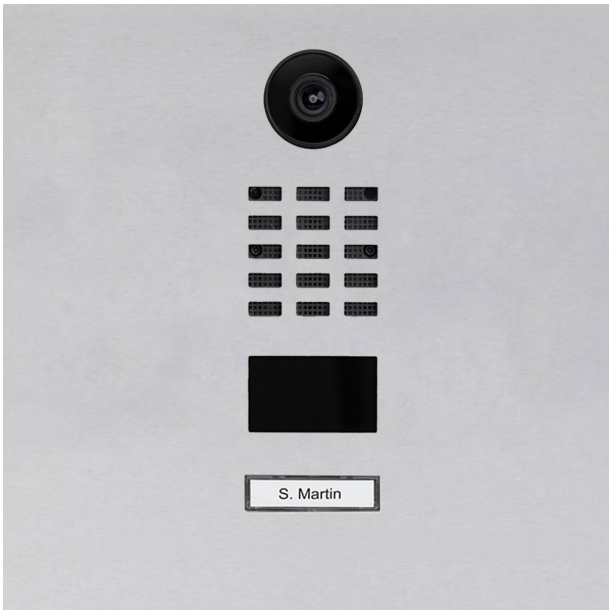
- The DoorBird D2200E is an Engineering Edition for integration purposes and is supplied without call buttons and without hardware expansion modules.
- Call buttons, multi-tenant support and compatible hardware expansion modules must be considered separately depending on the specific application.
- The D2200E is powered via Power over Ethernet according to PoE 802.3at Mode A/B. A separate 15 V DC input as found on the previous D2100E is not provided.
- The hardware for Wiegand, OSDP and RS485 is present. According to the DoorBird datasheet as of 07/2026, activation of these interfaces will be enabled by later software updates.
- For mounting behind custom front panels, the DoorBird instructions and technical drawings must be observed to preserve warranty entitlement.
- The manufacturer's technical drawing specifies a front plate material thickness of 3.0 mm.
- For bespoke front panels, mailbox systems and doorbell panels, proper planning of the installation position, cable routing, drainage and ventilation is required.
- Installation must be carried out by a suitably qualified specialist.

Dimensions

Width in mm	76
Height in mm	186
Total width in mm	76
Depth in mm	48.5
Weight in kg	0,4

More images





Briefkasten Manufaktur Lippe GmbH
Werler Straße 60
32105 Bad Salzuflen

www.briefkasten-manufaktur.de
info@briefkasten-manufaktur.de
Tel.: +49 5222 807110

Geschäftsführer Oliver Woineck
Ust.ID.Nr. DE303690847
Handelsregister Amtsgericht Lemgo, HRB 8618