DESIGN AWARD 2026

GERMAN DESIGN AWARD WINNER 2026

PLUS X AWARD honoured as: BEST BRAND OF THE YEAR 2026

DoorBird
Technology meets Design.

5 MP
Camera



IMPORTANT NOTE:

In order to guarantee your warranty claim of the engineering edition in your own front panels, please refer to the notes and technical drawings.

Download

SONY STARVIS

RFID

PoE

Wiegand

Bluetooth

D2200E
IP VIDEO DOOR STATION

Engineering Edition for integration purposes

Designed, developed and made in Germany

ANSWER YOUR DOOR ANYWHERE.

HOW DOORBIRD WORKS: GREATER CONVENIENCE AND SECURITY – ANYTIME, ANYWHERE.

With DoorBird, you're always in the loop, whether you're at home or on the go. As soon as someone rings the doorbell, you'll receive a push notification on your smartphone or your DoorBird IP video indoor station. Thanks to the DoorBird app, you can see visitors in HD quality, speak with them in real time, and open the door if needed.

You can respond immediately even if deliveries arrive while you're away or if someone checks to see if you're home. With DoorBird, you'll never miss an important interaction and will always stay in control of your entryway — conveniently, securely, and from anywhere.

SMART HOME STARTS AT THE FRONT DOOR

DoorBird is the smart solution for your house entrance. Simply connect your DoorBird IP Video Door Station to your smartphone and talk to your visitor – anywhere you are. The IP Video Door Station can be used as a stand-alone unit or can be integrated into an existing Smart Home platform. Even existing classic installations such as an electric door opener can still be used and controlled via the DoorBird App.

QUALITY MADE IN GERMANY

All DoorBird products are designed, developed and produced by Bird Home Automation Group in Berlin, Germany. We manufacture all products with the greatest care and precision, and deliver them to our customers all over the world.

SOPHISTICATED TECHNOLOGY & EASY INSTALLATION

- Connection via network cable (PoE) or bell wire (with 2-wire converter)
- Remotely configurable RFID reader
- Echo and noise cancellation for clear communication
- Real-time audio/video transmission optimized for mobile devices via WiFi, 3G, 4G, 5G (STM)
- Access via smartphone, tablet, SIP phone or FRITZ!Fon
- 12 V DC @ 0.48 A power output for electric door opener
- Easy upgrade of existing D21x installations by replacing the main electrical unit



HD **5 MP camera, HDR**
Ultra-wide-angle, 180° hemispheric lens

Wide range of interfaces
OSDP, RS-485, Wiegand

125 kHz & 13.56 MHz RFID readers
Can be configured remotely via app or webadministration, e.g., time slots

Bluetooth Low Energy (BLE)
For access control, compatible with DoorBird Bluetooth Keyfob

Power supply for door openers
12 V DC @ 0.48 A current output for door opener

SECURITY AT THE HIGHEST LEVEL

- 5 MP camera with 180° ultra-wide-angle lens
- 4D motion sensor with adjustable range (up to 10 m)
- Intelligent event control (e.g., light activation on motion)
- Night vision with infrared LEDs
- Light sensor for automatic night mode
- Free visitor history with image storage, optional video recordings via Cloud Pro

SEAMLESS SMART HOME & SIP INTEGRATION

- Stand-alone operation or full system integration
- Smart home & NVR compatible
- Compatible with KNX, Crestron, Control4, Loxone, Gira, Home Assistant, Nice, RTI, Homematic, Yale, Nuki, ASSA ABLOY Accentra/ Access, Bang & Olufsen, FRITZ!Fon, Synology, QNAP and many more
- Easy connection to smart locks or electric door openers
- Open API for integration into third-party and SIP systems
- Interfaces for Wiegand, OSDP, RS485

INTELLIGENT ACCESS CONTROL

- Geofencing: automatic door/gate opening when returning home
- Door opener automation – ideal for offices and medical practices
- Two freely configurable relays for doors or gates
- Individual time and action plans, e.g., for access authorization or motion detection

Access Solutions

- **Bluetooth®**
- **RFID (125 kHz & 13.56 MHz)**
- **App Key**
- **Integration of external readers**

TECHNICAL DATA

GENERAL	
Power supply	Power over Ethernet (PoE 802.3at Mode A/B)
Weight	400 g
Connectors	• RJ45, for LAN/PoE • Bistable self-holding switching relay #1 (NO/COM/NC), max. 24 V DC/AC, 1 ampere, e.g., for electric door openers • Bistable self-holding switching relay #2 (NO/COM/NC), max. 24 V DC/AC, 1 ampere, e.g., for electric door openers • External Input #1 • External Input #2 • Relays can be expanded or relocated using the DoorBird I/O Door Controller. • 1x USB Type-C module connector (touch display) • 12 V DC @ 0.48 A output, e.g., for an electric door opener • RS485, Wiegand, OSDP
Protection Class	IP65, IK08
Approvals	CE, FCC, IC, RoHS, REACH, WEEE, IEC/EN 62368, IEC/EN 62471
Dimensions	186 x 76 x 48,5 mm (H x W x D) 7.32 x 2.91 x 1.89 in (H x W x D)
Operating conditions	-25 to +55°C /-13 to 131°F Humidity 10 to 85 % RH (non-condensing)
Scope of delivery	1x Main electrical unit 1x Holding plate for mounting the Main electrical unit 2x Yellow call button cables 1x Green module cable 1x Red module cable 1x RFID key fob 1x Screwdriver 1x Quickstart guide with Digital Passport 1x Installation manual 1x Small parts
Warranty	See www.doorbird.com/warranty

CURRENT SYSTEM REQUIREMENTS	
System requirements	Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fiber optic, no socks or proxy server Network: Ethernet Network, with DHCP
Recommended installation height	Camera lens should be at a min. height of 145 cm (57 in). Before the installation please determine your optimal installation height.

VIDEO	
Camera	HD, 5 Megapixel, dynamic (VGA – HD)
Lens	High-end ultra-wide-angle hemispheric lens 180° (D), 140° (H), 100° (V), straightened, IR-capable
Night vision	Yes, light sensor, automatic IR-cut filter, 2 infrared LEDs (850 nm)

AUDIO	
Audio components	Speaker and microphone, noise reduction and echo cancellation (ANR, AEC)
Audio streaming	Two-way, full duplex

NETWORK	
Ethernet	RJ45 jack, 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 (RTP [RFC-2833], SIP INFO [RFC-2976]), STM, WebRTC

MOTION SENSOR	
Type	Active
Detection angle	54° (H), 70° (V)
Range	1 - 10 m (3.3 - 32.9 ft), depends on environment, configurable in 1 m (3.3 ft) steps.
Technology	4D. Based on multiple integrated sensors and algorithms, e.g., Radio Frequency Energy (RFE)
Configuration	Via App, e.g., • Range (1 - 10 m /3.3 - 32.9 ft) • Movement direction (coming, leaving, both) • Individual events (e.g., switch a relay, push notification, SIP call [audio/video], HTTP(s) notification) • Individual schedules

125 KHZ RFID READER	
Type	Active Reader Passive Tag (ARPT) System
Standard	ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Frequency	125 kHz
Range	0 - 3 cm (0.118 in), depends on environment
Antenna	Internal
Compatible Transponder	RFID key fobs, sold separately, see www.doorbird.com/buy Up to 3000 tags can be managed.
Configuration	Via App, for example • Tag (add/delete) • Custom events (e.g., triggering a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules

13.56 MHZ RFID READER	
Type	Active Reader Passive Tag (ARPT) System
Standard	UID (CSN) from: MIFARE Classic®, MIFARE DESFire® EV1 and EV2, ISO14443A, ISO14443B, ISO15693, NFC® (HCE support required)
Frequency	13.56 MHz
Range	0 - 3 cm (0.118 in), depends on environment
Antenna	Internal
Compatible Transponder	RFID key fobs, sold separately, see www.doorbird.com/buy Up to 3000 tags manageable
Encryption	Requires a DoorBird Cloud Pro or DoorBird Cloud Enterprise license.
Configuration	Via App, for example • Tag (add/delete) • Custom events (e.g., triggering a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules

OSDP	
OSDP	Hardware ready, enabled later on with software update

RS485	
RS485	Hardware ready, enabled later on with software update

WIEGAND	
Direction	Input, output: Hardware ready, enabled later on with software update
Supported protocols	26, 30, 31, 34, and 44 bits
Supported data transmission	125 kHz RFID transponders, 13.56 MHz RFID transponders, keypad PIN codes
Maximum cable length	Max. 150 m (492 ft)
Voltage	When no data is being transmitted, both DATA0 and DATA1 are pulled up to the „high" voltage level, +5 V DC. The interface is electrically isolated.
Configuration	Via App, e.g., log and interface on/off

INTEGRATED WIRELESS MODULES	
RFID	125 KHz, 13.56 MHz, can be disabled
Sensor	24 GHz, can be disabled
Bluetooth	Bluetooth Low Energy (BLE), compatible with DoorBird Bluetooth Keyfob Remote A8007

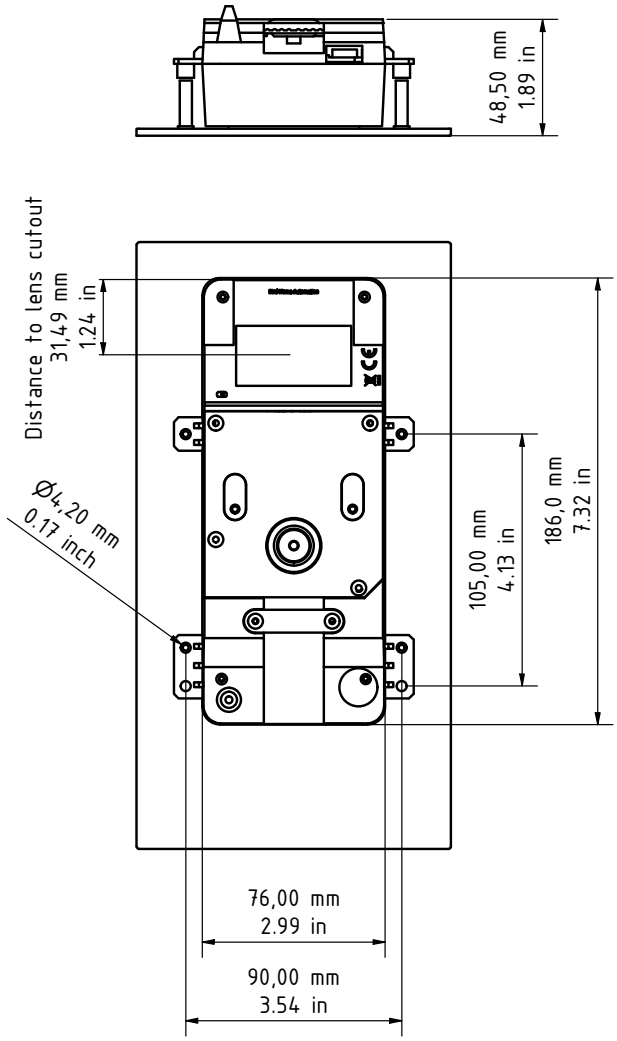
THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)	
Partnerintegrations	See www.doorbird.com/integrations

API	See www.doorbird.com/api
Simultaneous video streams	One, for event-based and continuous recording

OPTIONAL ACCESSORIES

Sold separately	• Surface-mount housing, flush-mount housing, protective hood • Optionally available with hearing loop; incl. PMR symbols • More at: www.doorbird.com/buy

Front panel material thickness: 3,0 mm (0.12 in)



Special remarks: Assembly requires professional skills or a technician.

Errors and omissions excepted. | Last update 07/2026 - Copyright © ASSA ABLOY – www.doorbird.com