DESIGN AWARD 2026

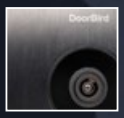
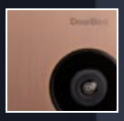
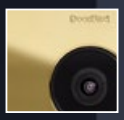
GERMAN DESIGN AWARD WINNER 2026

PLUS X AWARD BEST BRAND OF THE YEAR 2026

DoorBird
Technology meets Design.

5 MP Camera



+

SONY STARVIS

RFID

PoE

Wiegand

Bluetooth

# D2201IKH

# IP VIDEO DOOR STATION

For single-family houses and commercial buildings with 1 unit
Info module · Keypad module · 1 Call button

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)
- Configurable, backlit call button
- 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**

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

# TECHNICAL DATA

| GENERAL | |
|---|---|
| Front panel | 3 mm (0.12 in)<br>For materials and colors see material board and Online Shop. |
| Mounting type | Flush- or surface-mounted, product-dependent |
| Call button | Illuminated |
| Nameplate | Plastic<br>Metal cover plate and engraving available separately,<br>see www.doorbird.com/buy |
| Info Module | • 3.5", illuminated |
| Keypad Module with 12 keys | • 12 keys, illuminated, configurable via App, e.g.,<br>• Individual PIN codes<br>• Individual events (e.g., switch a relay, push notification, SIP call [audio/video], HTTP(s) request)<br>• Individual schedules<br>• Up to 3000 PIN codes manageable |
| Power supply | Power over Ethernet (PoE 802.3at Mode A/B) |
| Weight | 2280 g |
| Connectors | • RJ45, for LAN/PoE<br>• Bistable self-holding switching relay #1 (NO/COM/NC), max. 24 V DC/AC, 1 ampere, e.g., for electric door openers<br>• Bistable self-holding switching relay #2 (NO/COM/NC), max. 24 V DC/AC, 1 ampere, e.g., for electric door openers<br>• External Input #1<br>• External Input #2<br>• Relays can be expanded or relocated using the DoorBird I/O Door Controller.<br>• 1x USB Type-C module connector (touch display)<br>• 12 V DC @ 0.48 A output, e.g., for an electric door opener<br>• RS485, Wiegand, OSDP |
| Protection Class | IP65, IK08 |
| Approvals | CE, FCC, IC, RoHS, REACH, WEEE, IEC/EN 62368, IEC/EN 62471 |
| Dimensions | 256 x 275,25 x 48,75 mm (H x W x D)<br>10.08 x 10.13 x 1.92 in (H x W x D) |
| Operating conditions | -25 to +55˚C /-13 to 131˚F<br>Humidity 10 to 85 % RH<br>(non-condensing) |
| Scope of delivery | 1x Main electrical unit<br>1x Front panel<br>1x Mounting housing (only available in selected countries)<br>1x Info module<br>1x Engravable panel for info module<br>1x Nameplate for 1 call button, metal, bell symbol<br>1x RFID key fob<br>1x Screwdriver<br>1x Quickstart guide with Digital Passport<br>1x Installation manual<br>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<br>Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fiber optic, no socks or proxy server<br>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.,<br>• Range (1 - 10 m /3.3 - 32.9 ft)<br>• Movement direction (coming, leaving, both)<br>• Individual events (e.g., switch a relay, push notification, SIP call [audio/video], HTTP(s) notification)<br>• 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,<br>see www.doorbird.com/buy<br>Up to 3000 tags can be managed. |
| Configuration | • Via App, for example<br>• Tag (add/delete)<br>• Custom events (e.g., triggering a relay, SIP call [audio/video], HTTP(s) notification)<br>• Individual schedules |

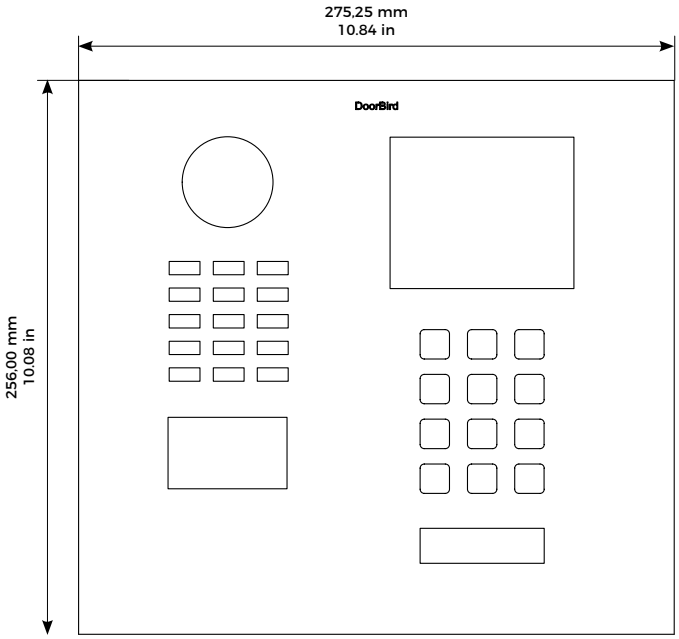
| 13.56 MHZ RFID READER | |
|---|---|
| Type | Active Reader Passive Tag (ARPT) System |
| Standard | UID (CSN) from: MIFARE Classic®, MIFARE DESFire® EV1 and EV2, ISO14443A, ISO14443B, ISO15693, NFC® (HCE support required) |
| Frequency | 13.56 MHz |
| Range | 0 - 3 cm (0.118 in), depends on environment |
| Antenna | Internal |
| Compatible Transponder | RFID key fobs, sold separately,<br>see www.doorbird.com/buy<br>Up to 3000 tags manageable |
| Encryption | Requires a DoorBird Cloud Pro or DoorBird Cloud Enterprise license. |
| Configuration | • Via App, for example<br>• Tag (add/delete)<br>• Custom events (e.g., triggering a relay, SIP call [audio/video], HTTP(s) notification)<br>• 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<br>• Optionally available with hearing loop; incl. PMR symbols<br>• 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 © 2019 Bird Home Automation GmbH – www.doorbird.com