



D2104V

IP VIDEO DOOR STATION

For houses and buildings with up to 4 units
4 Call buttons

Designed,
developed and
made in Germany

ANSWER YOUR DOOR ANYWHERE.

ADVANTAGES

HOW DOES IT WORK?

Imagine, you are not at home and your children have locked themselves out or the courier wants to deliver a parcel. With DoorBird this is no longer a problem. Every time someone rings the doorbell you will get a push notification on your smartphone or tablet. Via the DoorBird App you can talk to visitors and also see them live in HD quality. You will never miss a visitor again. With DoorBird you are on the move and yet at home, even if a burglar rings at the door to check if someone is at home.

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.



Open API

- Local interface for integration with third-party systems and SIP



Video and audio call

- On smartphones, tablets (iOS, Android), IP and landline phones (SIP)



Smart Transmission Mode (STM)

- Real-time audio / video communication, optimized for mobile devices via WiFi, 3G, 4G, 5G



Smart Home & NVR compatible

- Control4, Loxone, Crestron, Synology, AVM FRITZ!Fon, URC, QNAP, RTI, ELAN, Fibaro, Bang & Olufsen and others



Individual action schedules,
e.g.:

- RFID card "abc" has only access on Wednesday from 9 am until 11 am
- 4D motion sensor switches on external lamp between 9 pm and 6 am



HDTV Video

- Ultra wide-angle, hemispheric lens, 180°



4D Motion sensor with 4D technology

- Distance up to 10 m adjustable via App (interval: 1 m)



Light sensor

- For night vision mode



Call button

- With backlit nameplate



Automatic door buzzer

- For use in medical offices and office environments



Microphone

- Clear voice transmission



Easy connection to the network

- Connection via a network cable or bell wire via 2-Wire Ethernet PoE Converter "DooBird A1071" (PoE, network data)



Geofencing

- Automatic door and gate opening when returning home



Noise reduction and echo cancellation (AEC, ANR)



Two freely configurable bi-stable switching relays

- Two doors or gates can be controlled via App
- Status configurable via App: temporary or permanent circuit



Night vision

- With 12 Infrared LEDs



RFID reader

- Configurable remotely via App (e.g. time frame)

TECHNICAL SPECIFICATIONS



GENERAL		NETWORK	
Front panel	3 mm (0.12 in) Available in brushed stainless steel V2A / V4A and V2A with bronze and titanium finish, DB 703, RAL 7016, Graphite Black (Raven Polar)	Ethernet	RJ45 jack, PoE 802.3af Mode-A, 10/100 Base-T
Mounting type	Flush- or surface-mounted, mounting housing sold separately	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
Call button	Illuminated	MOTION SENSOR	
Nameplate	Plastic. Engravable metal nameplate sold separately, see www.doorbird.com/buy	Type	Active
Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)	Detection angle	54° (H), 70° (V)
Weight	1208 g	Range	1 - 10 m (3.3 - 32.9 ft), depends on environment, configurable in 1 m (3.3 ft) steps.
Connectors	<ul style="list-style-type: none"> RJ45, for LAN/PoE Bistable latching relay #1, max. 24 V DC/AC, 1 Ampere, e.g. for electric door opener Bistable latching relay #2, max. 24 V DC/AC, 1 Ampere, e.g. for electric door opener External input for external door opener button 15 V DC input (+, -), max. 15 W Relays can be expanded / detached with DoorBird I/O Door Controller 	Technology	4D. Based on multiple integrated sensors and algorithms, e.g. Radio Frequency Energy (RFE) via App, e.g. <ul style="list-style-type: none"> 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
Weather-proof	Yes, IP65	RFID	
Approvals	IP65, CE, FCC, IC, RoHS, IK08, REACH, IEC/EN 62368, IEC/EN 62471	Type	Active Reader Passive Tag (ARPT) system
Dimensions	403 x 131 x 45.75 mm (H x W x D) 15.87 x 5.16 x 1.80 in (H x W x D)	Standard	ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Operating conditions	-25 to +55°C / -13 to 131°F Humidity 10 to 85 % RH (non condensing)	Frequency	125 KHz
Scope of delivery	<ul style="list-style-type: none"> 1x Main Electrical Unit 1x Front panel 1x RFID key fob 1x Screwdriver 1x Quickstart guide with Digital Passport 1x Installation manual 1x Small parts 	Range	0 - 3 cm, depends on environment
Warranty	see www.doorbird.com/warranty	Antenna	Internal
CURRENT SYSTEM REQUIREMENTS			
System requirements	<p>Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet</p> <p>Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fiber optic, no socks or proxy server</p> <p>Network: Ethernet Network, with DHCP</p>	Compatible Transponder	RFID key fobs, sold separately, see www.doorbird.com/buy
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.	Configuration	Up to 500 tags manageable via App, e.g. <ul style="list-style-type: none"> Tag (add, delete) Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) Individual schedules RFID history available for 60 minutes in the app
VIDEO		INTEGRATED WIRELESS MODULES	
Camera	HDTV 720p, dynamic (VGA - HDTV)	RFID	125 KHz
Lens	High-end ultra wide-angle hemispheric lens 180° (D), 140° (H), 100° (V), straightened, IR-capable	Sensor	24 GHz, can be disabled
Night-vision	Yes, light sensor, automatic IR-cut filter, 12 Infrared LEDs (850 nm)	THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)	
AUDIO		Partner integrations	see www.doorbird.com/connect
Audio components	Speaker and microphone, noise reduction and echo cancellation (ANR, AEC)		see www.doorbird.com/api
Audio streaming	Two-way, full duplex	Simultaneous video streams	One, for event-based and continuous recording
OPTIONAL ACCESSORIES			
Sold separately	<ul style="list-style-type: none"> Power supply unit (mains adaptor) with 4 country-specific outlet adaptors (110 - 240 V AC to 15 V DC) - EAN 4260423867314 Surface-mounting housing, flush-mounting housing, Protective-Hood See www.doorbird.com/buy 	Special remarks: Assembly requires professional skills or a technician.	

TECHNICAL DRAWINGS

Front panel material thickness: 3.0 mm (0.12 in)

