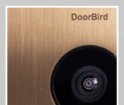
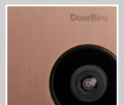




DoorBird
Technology meets Design.



Different
Colors

D2102V to D2118V

IP VIDEO DOOR STATION

For houses and buildings, 2 to 18 call buttons

Designed,
developed and
made in Germany

ANSWER YOUR DOOR ANYWHERE.



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 are not only able to talk to the visitor but also see him 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 a door chime or 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 GmbH in Berlin, Germany. We manufacture all products with the greatest care and precision, and deliver them to our customers all over the world. More than 100 employees are committed to continuously develop DoorBird in order to guarantee the highest quality, longevity and customer satisfaction. For us "Made in Germany" is not only a seal of quality, but a philosophy.



Open API

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



Video and audio call

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



Smart Transmission Mode (STM)

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



Smart Home & ONVIF compatible

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



Individual time and action plans, 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



Automatic door opener

- For use in medical offices and office environments



Night vision

- With 12 Infrared LEDs



RFID card reader

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



Free cloud-recording

- Can be optionally activated for visitor history



Light sensor

- For night vision mode



Call button

- With backlit nameplate
- Up to three call buttons



Geofencing

- Automatic door and gate opening when returning home



Motion sensor with 4D technology

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



Easy connection to the network

- Connection via a network cable or a bell wire (with a 2-wire transformer) to a RJ45 socket (PoE, network data)



Burglary prevention

- Prevents more break-ins than an alarm system



HDTV Video

- Ultra wide-angle, hemispheric lens, 180°



Two freely configurable bi-stable switching relays

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



Receive packages at any time

- Direct the parcel carrier e.g. to the neighbor or open the garage door via smartphone



Noise reduction and echo cancellation (AEC, ANR)



GENERAL

Front panel	3 mm (0,12 in) D2102V and D2103V available in over 50 RAL colors and surfaces, D2104V - D2118V available in stainless steel V2A / V4A (see material guide)
Mounting housing (backbox)	Stainless steel
Mounting type	Flush-mounted, surface-mounting housing sold separately
Call button	Plastic. Engravable metal nameplate sold separately, see www.doorbird.com/buy
Nameplate	Illuminated
Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)
Connectors	<ul style="list-style-type: none"> • RJ45, for LAN/PoE • Bi-stable latching relay #1, max. 24 V DC/AC, 1 Ampere, e.g. for electric door opener • Bi-stable latching relay #2, max. 24 V DC/AC, 1 Ampere, e.g. for electric door opener • Switch relays, max. 24 V DC/AC, 1 ampere, e.g. for conventional door chimes • External input for external door opener button (potential-free) • 15 V DC input (+, -), max. 15 W • Relays can be expanded / detached with DoorBird I/O Door Controller
Weather-proof	Yes, IP65
Approvals	CE, IC, FCC, RoHS, IP65, IK08
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 Front panel 1x Flush-mounting housing (backbox) 1x Power supply unit (mains adaptor) with four country-specific outlet adaptors (110 - 240 V AC to 15 V DC) 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	HDTV 720p, dynamic (VGA - HDTV)
Lens	High-end ultra wide-angle hemispheric lens 180° horizontal, 90° vertical, straightened, IR-capable
Night-vision	Yes, light sensor, automatic IR-cut filter, 12 IR-LEDs (850 nm)

AUDIO

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

NETWORK

Ethernet	RJ45 jack, PoE 802.3af Mode-A, 10/100 Base-T
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MOTION SENSOR

Type	Active
Detection angle	54° horizontal, 70° vertical
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. <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

RFID

Type	Active Reader Passive Tag (ARPT) system
Standard	ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Frequency	125 KHz
Range	0 - 3 cm, depends on environment
Antenna	Internal
Compatible Transponder	RFID key fobs, sold separately, see www.doorbird.com/buy
Configuration	Up to 100 tags manageable Via App, e.g. <ul style="list-style-type: none"> • Tag (add, delete) • Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) notification) • Individual schedules

INTEGRATED WIRELESS MODULES

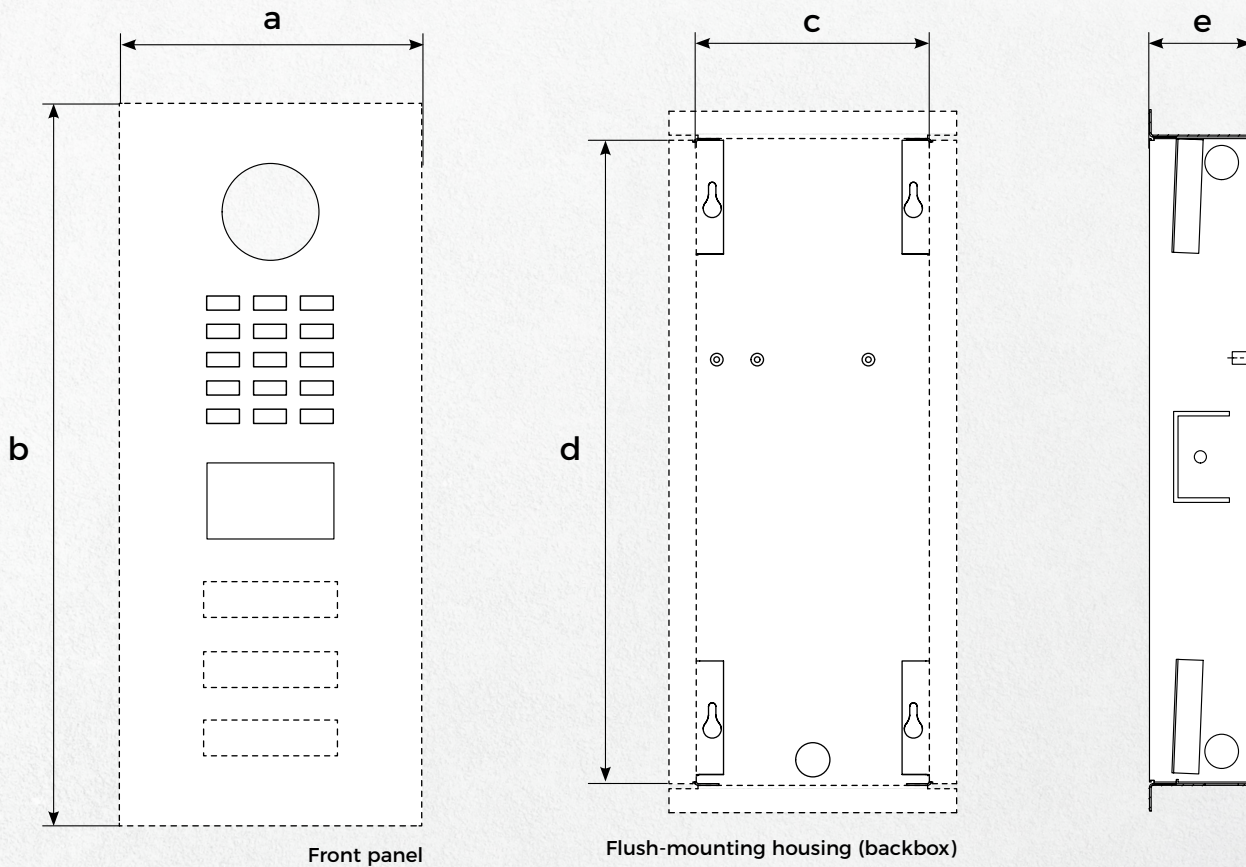
RFID	125 KHz
Sensor	24 GHz, can be disabled

OPTIONAL ACCESSORIES

Sold separately	see www.doorbird.com/buy
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Special remarks:
Assembly requires professional skills or a technician.

Front panel material thickness: 3.0 mm (0.12 in)



Model	Number of call buttons	Covering dimensions frontplate		Aperture for the flush mounting housing		
		a	b	c	d	e
D2102V	2	131,00 mm (5.16 in)	313,00 mm (12.32 in)	104,00 mm (4.09 in)	286,00 mm (11.26 in)	45,75 mm (1.80 in)
D2103V	3					
D2104V	4					
D2105V	5	131,00 mm (5.16 in)	403,00 mm (15.87 in)	104,0 mm (4.09 in)	376 mm (14.80 in)	45,75 mm (1.80 in)
D2106V	6					
D2107V	7	220,0 mm (8.66 in)	283,20 mm (11.15 in)	193,00 mm (7.60 in)	256,20 mm (10.09 in)	45,8 mm (1.80 in)
D2108V	8					
D2109V	9	220,0 mm (8.66 in)	344,00 mm (13.54 in)	193,00 mm (7.60 in)	316,60 mm (13.37 in)	45,8 mm (1.80 in)
D2110V	10	220,0 mm (8.66 in)	283,20 mm (11.15 in)	193,00 mm (7.60 in)	256,20 mm (10.09 in)	45,8 mm (1.80 in)
D2111V	11					
D2112V	12					
D2113V	13	220,0 mm (8.66 in)	343,6 mm (13,53 in)	193,00 mm (7.60 in)	316,60 mm (13.37 in)	45,8 mm (1.80 in)
D2114V	14					
D2115V	15					
D2116V	16					
D2117V	17	220,0 mm (8.66 in)	404,0 mm (15,91 in)	193,00 mm (7.60 in)	377,00 mm (14.84 in)	45,8 mm (1.80 in)
D2118V	18					