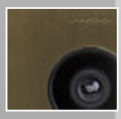
DoorBird
Technology meets Design.


D2107V to D2118V

IP VIDEO DOOR STATION

For apartment buildings and businesses, 7 to 18 call buttons

Designed, developed and made in Germany

STAY HOME WHILE AWAY.

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

Automatic door buzzer
- For use in medical offices and office environments

HDTV Video
- Ultra wide-angle, hemispheric lens, 180°

Motion sensor with 4D technology
- Distance up to 10 m adjustable via App (interval: 1 m)

Individual action schedules, e.g.:
- RFID key fob “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

Light sensor
- For night vision mode

Call button
- With backlit nameplate
- Up to 18 call buttons

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)

Night vision
- With 12 Infrared LEDs

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

Two freely configurable bi-stable switching relays
- Two doors or gates can be controlled via App
- Status configurable via App: temporary or permanent circuit

TECHNICAL SPECIFICATIONS

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GENERAL

Front cover	3 mm (0.12 in) For further information on materials and colours see the materials table on the product page in the online shop.
Mounting	Flush or surface mount, Mounting backing case available separately
Call button	Illuminated
Name sign	Plastic Metal cover plate and engraving available separately, see www.doorbird.com/de/buy
Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)
Connections	• RJ45, for LAN/PoE • Bistable self-latching relay #1, max. 24 V DC/AC, 1 Ampere, e.g. for electrical door opener • Bistable self-latching relay #2, max. 24 V DC/AC, 1 Ampere, e.g. for electrical door opener • External input for external door opening button • 15 V DC input (-/+), max. 15 W • Relay can be extended/replaced with DoorBird I/O Door Controller.
Protection class	IP65, IK08
Approvals	CE, FCC, IC, UKCA, RoHS, REACH, WEEE, IEC/EN 62368, IEC/EN 62471
Operating conditions	-25 °C to +55 °C / -13 °F to 131 °F Relative air humidity 10% to 85% (non-condensing)
Scope of delivery	1x main electrical unit 1x front cover 1x RFID key fob 1x screwdriver 1x quick-start guide with Digital Passport 1x installation manual 1x set of hardware
Warranty	See www.doorbird.com/de/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° (D), 140° (H), 100° (V), straightened, IR-capable
Night-vision	Yes, light sensor, automatic IR-cut filter, 12 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 802.3af Mode-A, 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

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

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 Up to 500 tags manageable
Configuration	Via App, e.g. • 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

INTEGRATED WIRELESS MODULES

RFID	125 KHz
Sensor	24 GHz, can be disabled

THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)

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

OPTIONAL ACCESSORIES

Sold separately	• 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

Please note:
Installation requires technical knowledge or a professional.

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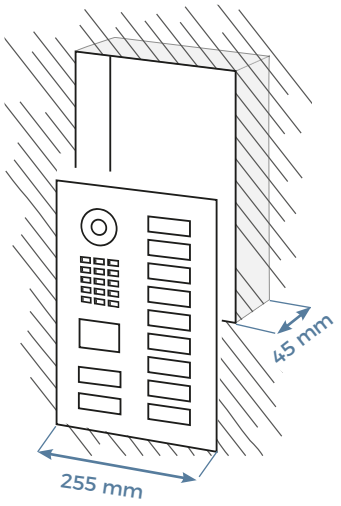
FLUSH-MOUNTED VERSIONS

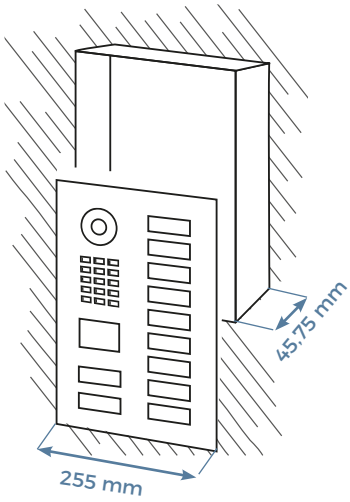
Model	Number of call buttons	Front cover		Casing		
		Width	Height	Width	Height	Depth
D2107V D2108V	7 8	220 mm 8.67 in	283,2 mm 11.15 in	196 mm 7.72	256 mm 10.08 in	45 mm 1.78 in
D2109V	9	220 mm 8.67 in	343,6 mm 13.53 in	196 mm 7.72	316,5 mm 12.47	45 mm 1.78 in
D2110V	10	220 mm 8.67 in	283,2 mm 11.15 in	196 mm 7.72	256 mm 10.08 in	45 mm 1.78 in
D2111V D2112V D2113V D2114V	11 12 13 14	220 mm 8.67 in	343,6 mm 13.53 in	196 mm 7.72	316,5 mm 12.47	45 mm 1.78 in
D2115V D2116V D2117V D2118V	15 16 17 18	220 mm 8.67 in	404 mm 15.91 in	196 mm 7.72	377 mm 14.85 in	45 mm 1.78 in



Front cover material thickness:
3.0 mm (0.12 in)

SURFACE-MOUNTED VERSIONS

Model	Number of call buttons	Front cover		Casing		
		Width	Height	Width	Height	Depth
D2107V D2108V	7 8	220 mm 8.67 in	283,2 mm 11.15 in	216 mm 8.50 in	279 mm 10.98 in	45,75 mm 1.80 in
D2109V	9	220 mm 8.67 in	343,6 mm 13.53 in	216 mm 8.50 in	339,5 mm 13.37 mm	45,75 mm 1.80 in
D2110V	10	220 mm 8.67 in	283,2 mm 11.15 in	216 mm 8.50 in	279 mm 10.98 in	45,75 mm 1.80 in
D2111V D2112V D2113V D2114V	11 12 13 14	220 mm 8.67 in	343,6 mm 13.53 in	216 mm 8.50 in	339,5 mm 13.37 mm	45,75 mm 1.80 in
D2115V D2116V D2117V D2118V	15 16 17 18	220 mm 8.67 in	404 mm 15.91 in	216 mm 8.50 in	400 mm 15.75 in	45,75 mm 1.80 in



Front cover material thickness:
3.0 mm (0.12 in)