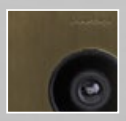
DoorBird
Technology meets Design.



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SONY
Image sensor technology

WiFi

OSRAM
LED TECHNOLOGY INCLUDED

1080p
FULLHD

Bluetooth

D1101KV FLUSH-MOUNT

IP VIDEO DOOR STATION

Flush-mount • 1 Call Buttonn • Keypad Module

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 Home & NVR compatible

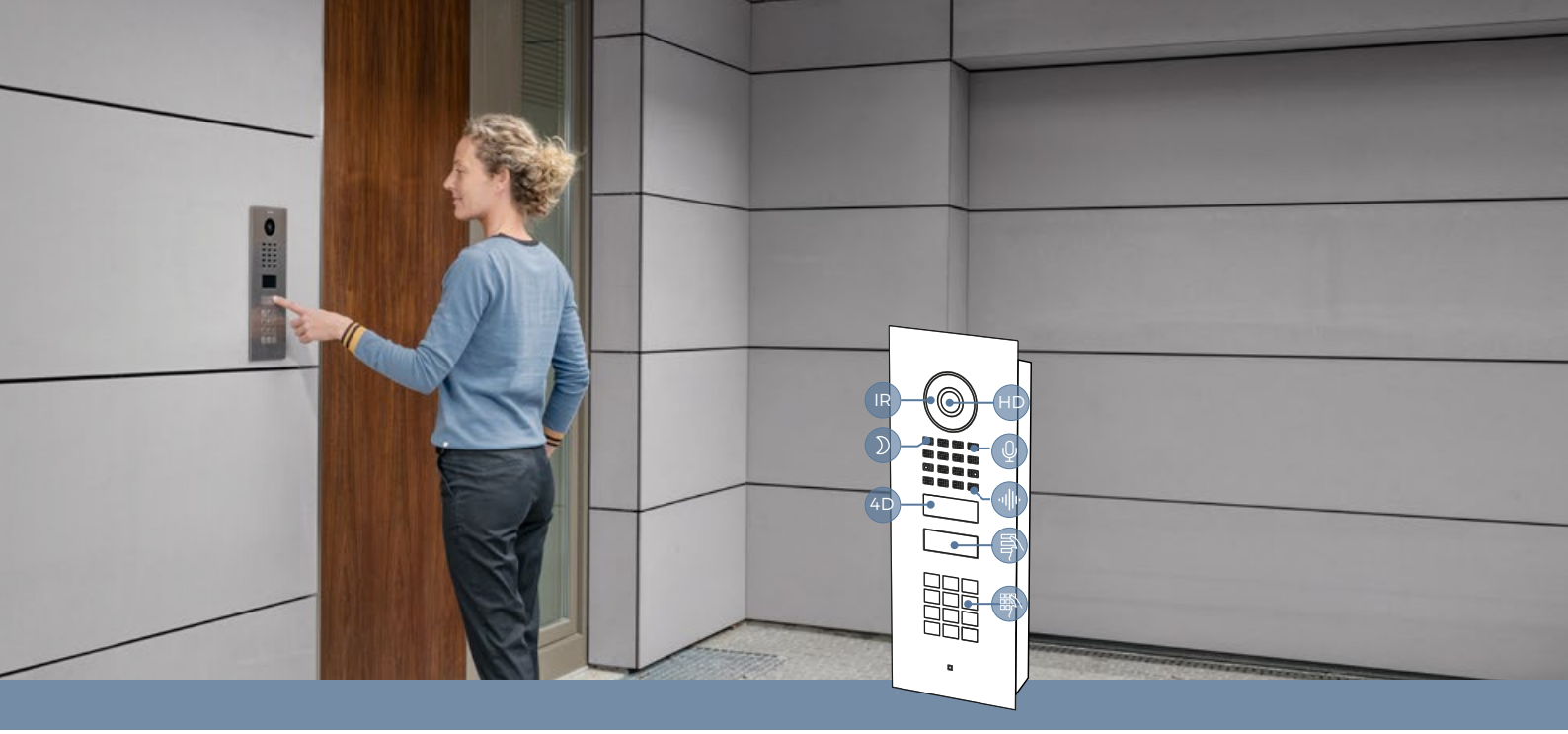
- Control4, Loxone, Crestron, Synology, AVM FRITZ!Fon, URC, QNAP, RTI, ELAN, Fibaro, Bang & Olufsen and others

Smart Transmission Mode (STM)

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

Bluetooth Low Energy (BLE)

- For access control (compatible with Bluetooth Keyfob A8007), compatible external sensors and smart locks



Free visitor history
- Store still images for free, optional video recording available

Night vision
- With Infrared LEDs

Motion sensor with 4D technology
- Distance up to 6 m (19.7 ft) adjustable via App (interval: 1 m / 3.3 ft)

Geofencing
- Automatic door and gate opening when returning home

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

Noise reduction and echo cancellation (AEC, ANR)

WiFi enabled
- Works within a WiFi network, no LAN cable needed

Light sensor
- For night vision mode

Microphone
- Clear voice transmission

Individual action schedules, e.g.:
- Trigger relay 1 for automatic door release Mo-Fr from 9 am until 4 pm when the call button is pressed
- 4D motion sensor switches on external lamp between 9 pm and 6 am

One freely configurable bistable latching relay
- Control one door or one gate via App
- Status configurable via App: temporary or permanent circuit

Keypad Module
- Configurable via App
- More than 500 individual PIN codes
- Individual events (e.g. switch a relay, HTTP(s) requests)

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

Easy self-install
- Quick installation via QR code scan

Call button
- With backlit nameplate

Easy connection to the network
- Connection via a network cable or bell wire via 2-Wire Ethernet PoE Converter “DooBird A1071” (PoE, network data)

TECHNICAL SPECIFICATIONS

DoorBird
Technology meets Design.

GENERAL

Front panel	3 mm (0.12 in) For further materials and colours see material board and Online Shop.
Mounting housing (backbox)	Stainless steel
Mounting type	Flush-mounted, surface-mounted version sold separately
Call button	Plastic see www.doorbird.com/buy
Nameplate	Illuminated
Keypad Module	12 keys, illuminated, configurable via App, e.g. • Individual PIN codes • Individual events (e.g. switch a relay, HTTP(s) request) • Individual schedules • Up to 500 PIN codes manageable
Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)
Weight	1095 g
Connectors	• LAN/PoE (T+, T-, R+, R-) • Bistable latching relay, max. 1-24 V DC/AC, 1 A, e.g. for electric door opener • External input for external door opener button • 15 V DC input (+, -), max. 15 W
Weatherproof	Yes, IP65
Approvals	CE, UKCA, FCC, IC, RoHS, REACH, WEEE, Wi-Fi CERTIFIED™
Dimensions	85,00 x 263,00 x 26,7 mm (H x W x D) 3.35 x 10.35 x 1.05 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 Front panel 1x Flush-mounting housing (backbox) 1x Power supply unit (mains adaptor) with up to 4 country-specific outlet adaptors (110 - 240 V AC to 15 V DC) 1x RJ45 adapter 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 1080p, dynamic (VGA – HDTV)
Lens	High-end ultra wide-angle hemispheric lens 180° (D), 150° (H), 82° (V), straightened, IR-capable
Night vision	Yes, light sensor, automatic IR-cut filter, 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	PoE 802.3af Mode-A, 10/100 Base-T
WiFi	2.4 GHz b/g/n
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	80° (H), 50° (V)
Range	1 - 6 m (3.3 - 19.7 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 - 6 m / 3.3 - 19.7 ft) • Movement direction (coming, leaving, both) • Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) requests) • Individual schedules

INTEGRATED WIRELESS MODULES

WiFi	2.4 GHz
Bluetooth	Bluetooth Low Energy (BLE), compatible with DoorBird Bluetooth Keyfob Remote A8007
Sensor	24 GHz, can be disabled

THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)

Partner integrations	see www.doorbird.com/connect
API	see www.doorbird.com/api
Simultaneous video streams	One, for event-based recording

OPTIONAL ACCESSORIES

Sold separately	see www.doorbird.com/buy

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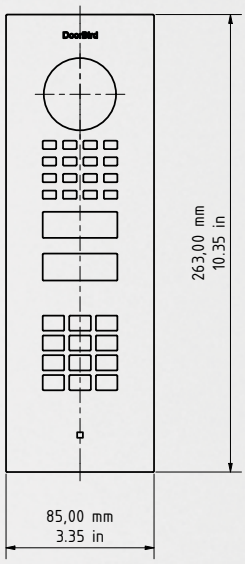
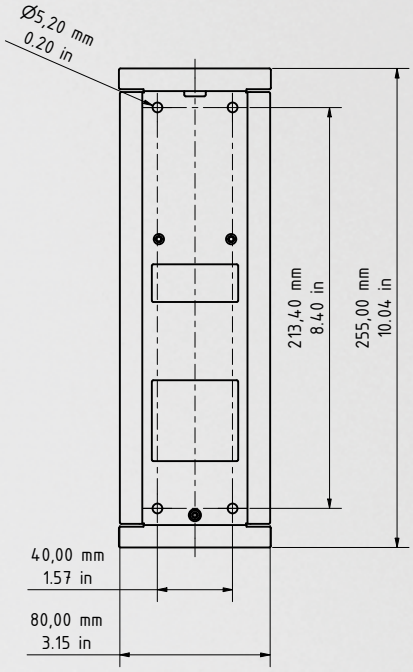
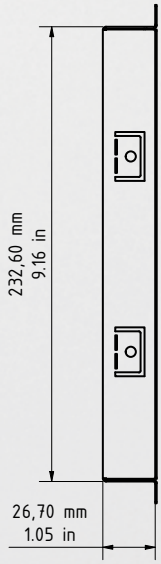
Front panel material thickness: 3.0 mm (0.12 in)



Front panel



Flush-mounting housing (backbox)



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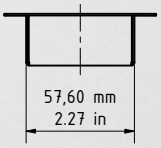

Flush-mounting housing (backbox)

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