



+

**SONY**  
Image sensor technology



**OSRAM**  
LED TECHNOLOGY INCLUDED

**1080p**  
FULLHD

 **Bluetooth**

## D1102KV FLUSH-MOUNT

## IP VIDEO DOOR STATION

Flush-mount • 2 Call Buttons • 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



#### Geofencing

- Automatic door and gate opening when returning home



#### WiFi enabled

- Works within a WiFi network, no LAN cable needed



#### 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



#### Automatic door buzzer

- For use in medical offices and office environments

#### IR

#### Night vision

- With Infrared LEDs

#### HD

#### HDTV Video

- Ultra wide-angle, hemispheric lens, 180°



#### Light sensor

- For night vision mode



#### One freely configurable bistable latching relay

- Control one door or one gate via App
- Status configurable via App: temporary or permanent circuit



#### Call button

- With backlit nameplate

#### 4D

#### Motion sensor with 4D technology

- Distance up to 6 m (19.7 ft) adjustable via App (interval: 1 m / 3.3 ft)



#### Noise reduction and echo cancellation (AEC, ANR)



#### Microphone

- Clear voice transmission



#### Keypad Module

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



#### Easy connection to the network

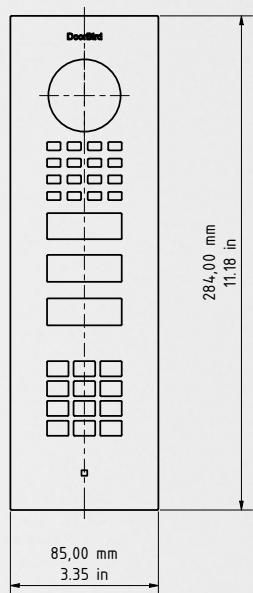
- Connection via a network cable or bell wire via 2-Wire Ethernet PoE Converter "DooBird A1071" (PoE, network data)

# TECHNICAL SPECIFICATIONS

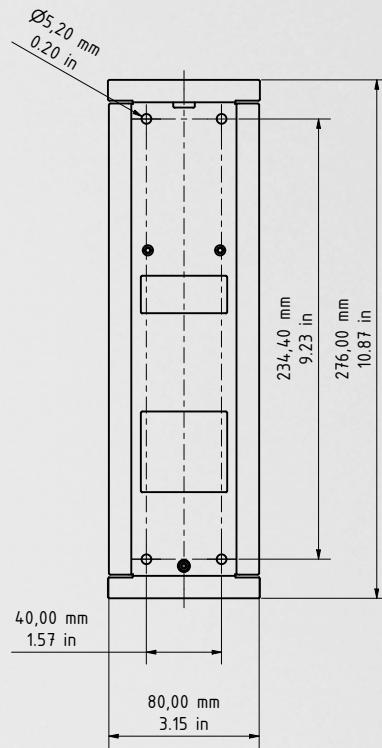


GENERAL		NETWORK	
Front panel	3 mm (0.12 in) For further materials and colours see material board and Online Shop.	Ethernet	PoE 802.3af Mode-A, 10/100 Base-T
Mounting housing (backbox)	Stainless steel	WiFi	2.4 GHz b/g/n
Mounting type	Flush-mounted, surface-mounted version sold separately	Supported protocols	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	Plastic Metal cover plate and engraving available separately, see <a href="http://www.doorbird.com/de/buy">www.doorbird.com/de/buy</a>	MOTION SENSOR	
Nameplate	Illuminated	Type	Active
Keypad Module	12 keys, illuminated, configurable via App, e.g. <ul style="list-style-type: none"><li>• Individual PIN codes</li><li>• Individual events (e.g. switch a relay, HTTP(s) request)</li><li>• Individual schedules</li><li>• Up to 500 PIN codes manageable</li></ul>	Detection angle	80° (H), 50° (V)
Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)	Range	1 - 6 m (3.3 - 19.7 ft), depends on environment, configurable in 1 m (3.3 ft) steps.
Weight	1195 g	Technology	4D. Based on multiple integrated sensors and algorithms, e.g. Radio Frequency Energy (RFE)
Connectors	<ul style="list-style-type: none"><li>• LAN/PoE (T+, T-, R+, R-)</li><li>• Bistable latching relay, max. 1-24 V DC/AC, 1 A, e.g. for electric door opener</li><li>• External input for external door opener button</li><li>• 15 V DC input (+, -), max. 15 W</li></ul>	Configuration	Via App, e.g. <ul style="list-style-type: none"><li>• Range (1 - 6 m / 3.3 - 19.7 ft)</li><li>• Movement direction (coming, leaving, both)</li><li>• Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) requests)</li><li>• Individual schedules</li></ul>
Weatherproof	Yes, IP65	INTEGRATED WIRELESS MODULES	
Approvals	CE, UKCA, FCC, IC, RoHS, REACH, WEEE, Wi-Fi CERTIFIED™	WiFi	2.4 GHz
Dimensions	284.00 x 85.00 x 26.7 mm (H x W x D) 11.18 x 3.35 x 1.05 in (H x W x D)	Bluetooth	Bluetooth Low Energy (BLE), compatible with DoorBird Bluetooth Keyfob Remote A8007
Operating conditions	-25 to +55°C / -13 to 131°F Humidity 10 to 85 % RH (non-condensing)	Sensor	24 GHz, can be disabled
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	THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)	
Warranty	see <a href="http://www.doorbird.com/warranty">www.doorbird.com/warranty</a>	Partner integrations	see <a href="http://www.doorbird.com/connect">www.doorbird.com/connect</a>
CURRENT SYSTEM REQUIREMENTS		API	see <a href="http://www.doorbird.com/api">www.doorbird.com/api</a>
System requirements		Simultaneous video streams	One, for event-based recording
Recommended installation height		OPTIONAL ACCESSORIES	
VIDEO		Sold separately	see <a href="http://www.doorbird.com/buy">www.doorbird.com/buy</a>
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		

Front panel material thickness: 3.0 mm (0.12 in)



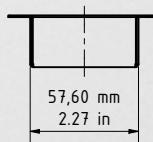
## Front panel



### Flush-mounting housing (backbox)



### Flush-mounting housing (backbox)



### Flush-mounting housing (backbox)