













# D1102V SURFACE-MOUNT

## IP VIDEO DOOR STATION

Compact Edition 2 Call Buttons



# 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 GmbH 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



#### Microphone

Clear voice transmission





#### Automatic door buzzer

· For use in medical offices and office environments



· Ultra wide-angle, hemispheric lens, 180°

#### 4D Motion sensor with 4D technology

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



#### Free visitor history

· Store still images for free, optional video recording available



#### Light sensor

· For night vision mode



Noise reduction and echo cancellation (AEC, ANR)



#### Individual action schedules, e.g.:

- Switch 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 gate via App
- · Status configurable via App: temporary or permanent circuit

#### 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



#### Easy self-install

· Quick installation via QR code scan



#### WiFi enabled

· Works within a WiFi network, no LAN cable needed

#### Night vision IR

· With Infrared LEDs



#### Call button

· With backlit nameplate

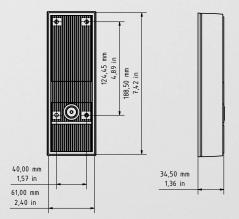
## **TECHNICAL SPECIFICATIONS**

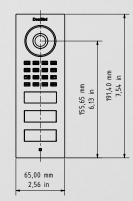


GENERAL	
Front panel	3 mm (0.12 in) Available in brushed stainless steel V2A / V4A and with Bronze-Finish, V4A
Mounting housing (backbox)	Polycarbonate
Mounting type	Surface-mounted, flush-mounted version sold separately
Call button	Illuminated
Nameplate	Plastic see www.doorbird.com/buy
Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)
Weight	530 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 butto 15 V DC input (+, -), max. 15 W Relays can be expanded / detached with DoorBird I/O Door Controller
Weatherproof	Yes, IP65
Approvals	IP65, CE, FCC, IC, RoHS, REACH, IEC/EN 62368, IEC/EN 62471, Wi-Fi CERTIFIED™
Dimensions	191,4 x 65 x 34,5 mm (H x W x D) 7.54 x 2.56 x 1.36 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 Surface-mounting housing (backbox) 1x Power supply unit (mains adaptor) with 4 country-specific outlet adaptors (110 - 240 V AC to 15 V DC) 1x Screwdriver 1x Quickstart guide with Digital Passport 1x Installation manual 1x Small parts
Warranty	see www.doorbird.com/warranty
CURRENT SYSTEM F	REQUIREMENTS
	Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet
System requirements	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)

Two-way, full duplex

RETWORK  Ethernet PoE 802.3af Mode-A, 10/100 Base-T  WiFi 2.4 GHz b/g/n  HTTP, HTTPS, SSL/TLS, Bonjour, DNS, RTSP, RTI 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)  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), enabled with future firmware and App update  Sensor 24 GHz, can be disabled  THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)  Partner integrations see www.doorbird.com/connect  API see www.doorbird.com/connect  Simultaneous video streams  One, for event-based recording  OPTIONAL ACCESSORIES  Sold separately see www.doorbird.com/buy		
WiFi 2.4 GHz b/g/n  HTTP, HTTPS, SSL/TLS, Bonjour, DNS, RTSP, RTI 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)  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), enabled with future firmware and App update  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  OPTIONAL ACCESSORIES	NETWORK	
Supported protocols  HTTP, HTTPS, SSL/TLS, Bonjour, DNS, RTSP, RTTCP, 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)  Via App, e.g. Pange (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 CHz  Bluetooth  Bluetooth Low Energy (BLE), enabled with future firmware and App update  Sensor  24 GHz, can be disabled  THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)  Partner integrations  see www.doorbird.com/connect  API  see www.doorbird.com/connect  Simultaneous video  streams  Optional Accessories	Ethernet	PoE 802.3af Mode-A, 10/100 Base-T
Supported protocols  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)  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), enabled with future firmware and App update  Sensor 24 GHz, can be disabled  THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)  Partner integrations see www.doorbird.com/connect  API see www.doorbird.com/connect  Simultaneous video streams  Optional Accessories	WiFi	2.4 GHz b/g/n
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)  Via App, e.g. Pange (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), enabled with future firmware and App update  Sensor 24 GHz, can be disabled  THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)  Partner integrations see www.doorbird.com/connect  API see www.doorbird.com/connect  Simultaneous video streams  Optional Accessories	Supported protocols	
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Technology  4D. Based on multiple integrated sensors and algorithms, e.g. Radio Frequency Energy (RFE)  Via App, e.g. Pange (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), enabled with future firmware and App update  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	Detection angle	80° (H), 50° (V)
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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	Bluetooth	
Partner integrations see www.doorbird.com/connect  API see www.doorbird.com/api  Simultaneous video streams  One, for event-based recording  OPTIONAL ACCESSORIES	Sensor	24 GHz, can be disabled
API see www.doorbird.com/api Simultaneous video streams One, for event-based recording  OPTIONAL ACCESSORIES	THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)	
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		One, for event-based recording
Sold separately see www.doorbird.com/buy	OPTIONAL ACCESSORIES	
	Sold separately	see www.doorbird.com/buy





Audio streaming