













# D2103V

# IP VIDEO DOOR STATION

For houses and buildings with up to 3 units 3 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 are not only able to talk to the visitor but 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 standalone 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





#### Automatic door buzzer

 For use in medical offices and office environments



 Ultra wide-angle, hemispheric lens, 180°

# Motion sensor with 4D technology

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



# Free visitor history

 Store still images for free, optional video recording available

# ))

## Light sensor

· For night vision mode



### Call button

· With backlit nameplate



# Individual action schedules, 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



## Microphone

· Clear voice transmission



# Easy connection to the network

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



# Geofencing

 Automatic door and gate opening when returning home



Noise reduction and echo cancellation (AEC, ANR)



# Two freely configurable bi-stable switching relays

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

# IR Night vision

· With 12 Infrared LEDs



## RFID reader

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

# **TECHNICAL SPECIFICATIONS**



	GENERAL		VIDEO
	Front panel	3 mm (0.12 in) Available in over 50 RAL colors and surfaces including stainless steel V2A / V4A (see material guide)	Camera Lens
	Mounting housing (backbox)	Stainless steel	Night-vision
	Mounting type	Flush-mounted, surface-mounting housing sold separately	AUDIO
	Call button	Illuminated	Audio component
	Nameplate	Plastic. Engravable metal nameplate sold separately, see www.doorbird.com/buy	Audio streaming
	Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)	NETWORK
	Weight	1818 g	Ethernet
		<ul> <li>RJ45, for LAN/PoE</li> <li>Bistable latching relay #1, max. 24 V DC/AC,</li> <li>1 Ampere, e.g. for electric door opener</li> <li>Bistable latching relay #2, max. 24 V DC/AC,</li> </ul>	Supported protoco
	Connectors	1 Ampere, e.g. for electric door opener	Туре
		<ul> <li>External input for external door opener button</li> </ul>	Detection angle
		<ul> <li>15 V DC input (+, -), max. 15 W</li> <li>Relays can be expanded / detached with DoorBird I/O Door Controller</li> </ul>	Range
	Weather-proof	Yes, IP65	Technology
	Approvals	IP65, CE, FCC, IC, RoHS, IK08, REACH, IEC/EN 62368, IEC/EN 62471	
	Dimensions	313 x 131 x 48,75 mm (H x W x D) 12.32 x 5.16 x 1.92 in (H x W x D)	Configuration
	Operating conditions	-25 to +55°C / -13 to 131°F Humidity 10 to 85 % RH (non condensing)	
		1x Main Electrical Unit	RFID
		1x Front panel 1x Flush-mounting housing (backbox)	Туре
		1x Power supply unit (mains adaptor) with four	Standard
		country-specific outlet adaptors (110 - 240 V AC to 15 V DC)	Frequency
	Scope of delivery	1x RFID key fob	Range
		1x Screwdriver	Antenna
		1x Quickstart guide with Digital Passport	
		1x Installation manual	Compatible Transponder
	NA/	1x Small parts	•
	Warranty	see www.doorbird.com/warranty	
	CURRENT SYSTEM RE		Configuration
		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	INTEGRATED W
	, , , , , , , , , , , , , , , , , , , ,		RFID
			Sensor
		Network: Ethernet Network, with DHCP	THIRD-PARTY I
	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.	Partnerintegration
			API
			Simultaneous vide streams

Camera HDTV 720p, dynamic (VGA - HDTV)  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 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 (3.5 ft) steps.  4D. Based on multiple integrated sensors and algorithms, e.g. Radio Frequency Energy (RFE)  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  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Configuration Up to 100 tags manageable  Via App. e.g Tag (add, delete) - Individual schedules		
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 R345 jack, PoE 802.3af Mode-A, 10/100 Base-T 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 (5.3 ft) steps.  4D. Based on multiple integrated sensors and algorithms, e.g. Radio Frequency Energy (RFE)  Via App, e.g. Range (1 - 10 m / 3.3 - 32.9 ft) Mowement 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  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)	VIDEO	
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Compatible see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency	125 KHz
Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
INTECDATED WIDELESS MODIFIES	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable
INTEGRATED WIRELESS MODULES	Standard Frequency Range Antenna  Compatible Transponder	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)
105 (4)	Standard Frequency Range Antenna  Compatible Transponder  Configuration	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App. e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules
RHD 125 KHZ	Standard Frequency Range Antenna  Compatible Transponder  Configuration	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App. e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules
RFID 125 KHz  Sensor 24 GHz, can be disabled	Standard Frequency Range Antenna  Compatible Transponder  Configuration  INTEGRATED WIRELI RFID	125 KHz  0 - 3 cm, depends on environment Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES  125 KHz
	Standard Frequency Range Antenna Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor	125 KHz  0 - 3 cm, depends on environment Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Up to 100 tags manageable  Via App, e.g. Tag (add, delete) Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) Individual schedules  ESS MODULES  125 KHz  24 GHz, can be disabled
Sensor 24 GHz, can be disabled	Standard Frequency Range Antenna Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor THIRD-PARTY INTEG	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES  125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT)
Sensor 24 GHz, can be disabled THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)	Standard Frequency Range Antenna  Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor  THIRD-PARTY INTEG Partnerintegrations	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES 125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT) see www.doorbird.com/connect
Sensor 24 GHz, can be disabled  THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)  Partnerintegrations see www.doorbird.com/connect	Standard Frequency Range Antenna Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor THIRD-PARTY INTEG Partnerintegrations API Simultaneous video	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES  125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT) see www.doorbird.com/connect see www.doorbird.com/api One, for event-based and continuous
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 One, for event-based and continuous	Standard Frequency Range Antenna  Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor THIRD-PARTY INTEG Partnerintegrations API Simultaneous video streams	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES  125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT) see www.doorbird.com/connect see www.doorbird.com/api One, for event-based and continuous recording
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)     Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment Internal
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately,
Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable
Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable
SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable
SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately,
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately,
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately,
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately,
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately,
Tag (add, delete)  Configuration     Individual events (e.g. switch a relay,     SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately,
Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency Range Antenna	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately,
Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment Internal
Compatible see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency	125 KHz
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules		ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules		ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules		ICO/ICC 10000 2 2000 P 2 EM/102 EM/102
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules	туре	• • • • • • • • • • • • • • • • • • • •
Frequency  Range  0 - 3 cm, depends on environment  Antenna  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules	туре	
Frequency  Range  0 - 3 cm, depends on environment  Antenna  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules	Type	<u> </u>
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules	Type	
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules	туре	
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules		
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules		100 / E0 10000 0 0000 F
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules		ISO/IEC 18000-2:2009 Part 2 EM/:100 EM/:102
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules		ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency	125 KHz
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency	125 KHz
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency	125 KHz
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	125 KHz
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g. • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g. • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g. • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules		ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g. • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency	125 KHz
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard Frequency	125 KHz
Compatible see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment
Transponder  Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment Internal
Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment Internal
Transponder  Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment
Transponder  Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment
Compatible see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency	125 KHz
Compatible see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency	125 KHz
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	125 KHz
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy Transponder  Up to 100 tags manageable  Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules		ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules		
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules	туре	
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules	Type	
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules		ISO/IEC 18000-2:2000 Dart 2 EM/(100 EM/(102
Range 0 - 3 cm, depends on environment  Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules		ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g. • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules		ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g. • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules		ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Antenna Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g. • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard	
RFID key fobs, sold separately,  See www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency	125 KHz
Compatible see www.doorbird.com/buy  Transponder  Up to 100 tags manageable  Via App, e.g.  Tag (add, delete)  Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)  Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment
Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete)  Configuration  • Individual events (e.g. switch a relay,  SIP call [audio/video], HTTP(s) notification)  • Individual schedules	Standard Frequency Range	125 KHz 0 - 3 cm, depends on environment Internal
Configuration  • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules	Standard Frequency Range Antenna Compatible	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy
INTECDATED WIDELESS MODIFIES	Standard Frequency Range Antenna  Compatible Transponder	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay,
	Standard Frequency Range Antenna Compatible Transponder  Configuration	125 KHz  0 - 3 cm, depends on environment Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Up to 100 tags manageable  Via App, e.g.  • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES  125 KHz
Sensor 24 GHz, can be disabled	Standard Frequency Range Antenna Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor	125 KHz  0 - 3 cm, depends on environment Internal  RFID key fobs, sold separately, see www.doorbird.com/buy  Up to 100 tags manageable  Via App, e.g. Tag (add, delete) Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) Individual schedules  ESS MODULES  125 KHz  24 GHz, can be disabled
Sensor 24 GHz, can be disabled THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)	Standard Frequency Range Antenna Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor THIRD-PARTY INTEG	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App. e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES  125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT)
Sensor 24 GHz, can be disabled  THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)  Partnerintegrations see www.doorbird.com/connect	Standard Frequency Range Antenna  Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor  THIRD-PARTY INTEG Partnerintegrations	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES 125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT) see www.doorbird.com/connect
Sensor 24 GHz, can be disabled  THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)  Partnerintegrations see www.doorbird.com/connect  API see www.doorbird.com/api	Standard Frequency Range Antenna Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor THIRD-PARTY INTEG Partnerintegrations API	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App. e.g Tag (add, delete) - Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) - Individual schedules  ESS MODULES 125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT) see www.doorbird.com/connect see www.doorbird.com/api
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 One, for event-based and continuous	Standard Frequency Range Antenna Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor THIRD-PARTY INTEG Partnerintegrations API Simultaneous video	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES  125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT) see www.doorbird.com/connect see www.doorbird.com/api One, for event-based and continuous
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 One, for event-based and continuous recording	Standard Frequency Range Antenna  Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor THIRD-PARTY INTEG Partnerintegrations API Simultaneous video streams	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES  125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT) see www.doorbird.com/connect see www.doorbird.com/api One, for event-based and continuous recording
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 One, for event-based and continuous recording	Standard Frequency Range Antenna  Compatible Transponder  Configuration  INTEGRATED WIREL RFID Sensor THIRD-PARTY INTEG Partnerintegrations API Simultaneous video streams  OPTIONAL ACCESSO	125 KHz 0 - 3 cm, depends on environment Internal RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification) • Individual schedules  ESS MODULES 125 KHz 24 GHz, can be disabled  RATION (DOORBIRD CONNECT) see www.doorbird.com/connect see www.doorbird.com/api One, for event-based and continuous recording

Special remarks:

Assembly requires professional skills or a technician.



Front panel material thickness: 3.0 mm (0.12 in)







