













D2101V

IP VIDEO DOOR STATION

For single-family houses and commercial buildings with 1 unit 1 Call Button



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 a door chime or 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



HD HDTV Video

· 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 transformer) 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

Night vision IR

· With 12 Infrared LEDs

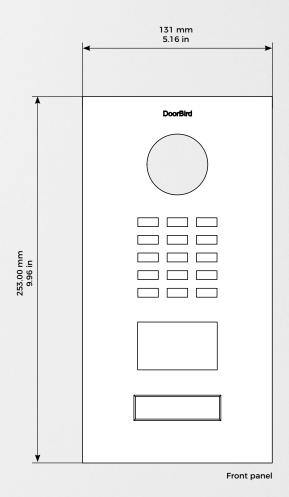


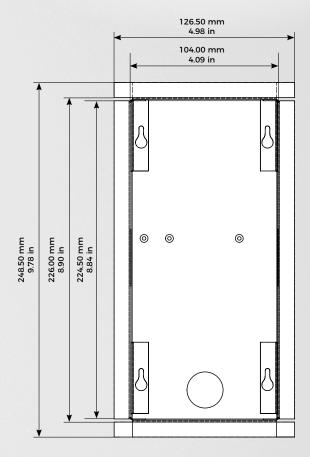
RFID card reader

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

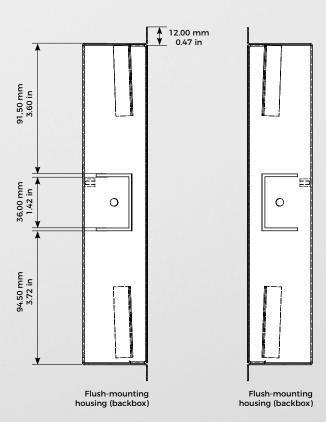


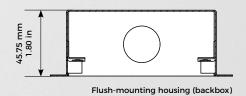
Front panel material thickness: 3.0 mm (0.12 in)





Flush-mounting housing (backbox)





TECHNICAL SPECIFICATIONS



GENERAL		VIDEO	
	3 mm (0.12 in)	Camera	F
Front panel	Available in over 50 RAL colors and surfaces including stainless steel V2A / V4A (see material guide)	Lens	F 1
Mounting housing (backbox)	Stainless steel	Night-vision	Y
Mounting type	Flush-mounted, surface-mounting housing sold separately	AUDIO	
Call button	Plastic. Engravable metal nameplate sold separately, see www.doorbird.com/buy	Audio components	S
Nameplate	Illuminated	Audio streaming	Т
Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)	NETWORK	
Weight	1577 g	Ethernet	F
Weight	RJ45, for LAN/PoE Bi-stable latching relay #1, max. 24 V DC/AC, Ampere, e.g. for electric door opener	Supported protocols	⊢ T (I
	 Bi-stable latching relay #2, max. 24 V DC/AC, 	MOTION SENSOR	
Connectors	1 Ampere, e.g. for electric door openerExternal input for external door opener	Туре	4
	button (potential-free)	Detection angle	5
	 15 V DC input (+, -), max. 15 W Relays can be expanded / detached with DoorBird I/O Door Controller 	Range	1 e
Weather-proof	Yes, IP65	Technology	4 a
Approvals	IP65, CE, FCC, IC, RoHS, IK08, REACH, IEC/EN 62368, IEC/EN 62471		٧
Dimensions	253 x 131 x 48,75 mm (H x W x D) 9.96 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	Α
	1x Power supply unit (mains adaptor) with four	Standard	IS
	country-specific outlet adaptors	Frequency	1
Scope of delivery	(110 - 240 V AC to 15 V DC) 1x RFID key fob	Range	0
	1x Screwdriver	Antenna	lı
	1x Quickstart guide with		F
	Digital Passport 1x Installation manual	Compatible	s
	1x Small parts	Transponder	L
Warranty	see www.doorbird.com/warranty		v
CURRENT SYSTEM RE	EQUIREMENTS	Configuration	
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	INTEGRATED WIRE	LESS
		RFID	1
	Network: Ethernet Network, with DHCP	Sensor	2
Recommended	Camera lens should be at a min. height of 145 cm (57 in). Before the installation please determine your optimal installation height.	THIRD-PARTY INTE	GRA
Recommended installation height		Partnerintegrations	s
	determine your optimal installation neight.	API	s
		Simultaneous video streams	r

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			
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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	
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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	
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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,	
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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,	
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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	
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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,	
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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	
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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		
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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.