













D2101V

IP VIDEO DOOR STATION

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



ANSWER YOUR DOOR ANYWHERE.



HOW DOES IT WORK

Imagine, you are not at home and your children have locked themselves out or the courier delivers a package. With DoorBird this is no longer a problem. Each time someone rings the doorbell you get a push notification on your smartphone or tablet. You can then not only talk to the visitor but also see him in HD quality. You will never miss a visitor again. With DoorBird you are on the go and still at home, even if a burglar presses the doorbell to check if someone is at home.

SMART HOME STARTS AT THE FRONT DOOR

DoorBird is the smart solution for your door entrance. 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 a door chime or an electric door and gate opener can still be used and controlled via the App.

QUALITY MADE IN GERMANY

DoorBird is designed, developed and produced in Berlin, Germany. DoorBird's "Made in Germany" is not only a motto but a philosophy. All DoorBird IP Video Door Stations are manufactured and tested in Berlin to guarantee the highest quality, longevity and customer satisfaction.

ADVANTAGES



Open API

 Local interface for the integration with third-party systems and SIP



Video and audio call

 On smartphones and tablets (iOS, Android) or landline phones (SIP)



Smart Transmission Mode (STM)

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



Smart Home & ONVIF compatible

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

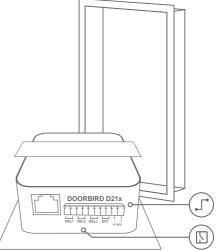


Individual time and action plans, e.g.:

- RFID card "abc" has only admission on Wednesday from 9 am until 11 am
- 4D motion sensor switches on external lamp between 9 pm and 6 am









Automatic door opener

 For use in medical offices and office environments



Night vision

· With 12 IR LEDs



RFID card reader

 Configurable remotely via App (e. g. schedules)



Free cloud recording

 Can be optionally activated for visitor history



Light sensor

For night vision mode



Call button

· With backlit nameplate



Geofencing

Automatic door and gate opening when returning home



Motion sensor with 4D technology

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



Easy connection to the network

 Connection via RJ45 socket or bell wire via 2-wire transformer (PoE, network data)



Burglary prevention

 Prevents more break-ins than an alarm system



HDTV Video

 Ultra-wide-angle, hemispheric lens, 180°



Two freely configurable bi-stable switching relays

- Control two doors or gates via App
- Status configurable via App: Temporary or permanent circuit



Receive packages at any time

 Direct the delivery man e.g. to the neighbor or open the garage door via smartphone

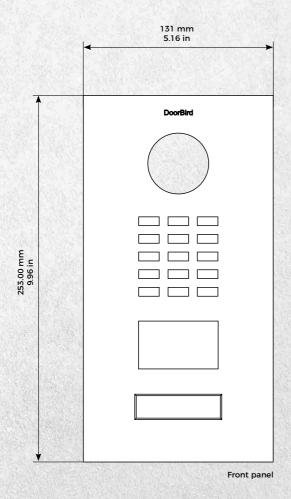


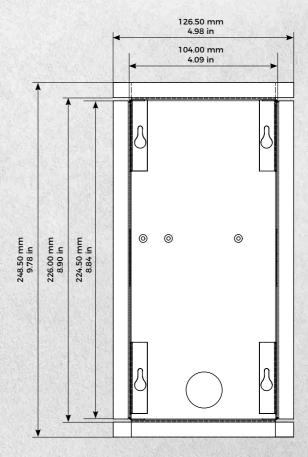
Echo and noise suppression (AEC, ANR)

TECHNICAL DRAWINGS

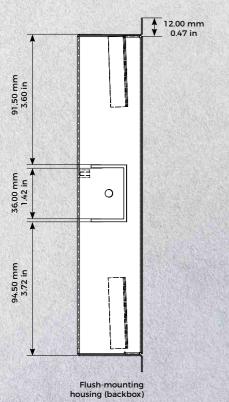


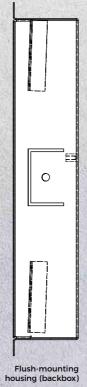
Front panel material thickness: 3.0 mm (0.12 in)

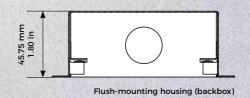




Flush-mounting housing (backbox)







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	HDTV 720p, dynamic (VGA - HDTV) High-end ultra wide-angle hemispheric lens 180° horizontal, 90° vertical, straightened, IR-capable
Mounting housing (backbox)	Stainless steel	Night-vision	Yes, light sensor, automatic IR-cut filter, 12 IR-LEDs (850 nm)
Mounting type	Flush-mounted, surface-mounting	AUDIO	
Call button	housing sold separately Plastic. Engravable metal nameplate sold	Audio components	Speaker and microphone, echo and noise cancellation (AEC, ANR)
Can button	separately, see www.doorbird.com/buy	Audio streaming	Two-way, full duplex
Nameplate	Illuminated	NETWORK	
Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)	Ethernet	RJ45 jack, PoE 802.3af Mode-A, 10/100 Base-T
Weight	1577 g	MOTION SENSOR	
Connectors	• RJ45, for LAN/PoE	Туре	Active
	 Bi-stable latching relay #1, max. 1-24 V DC/V AC, 1 Ampere, 	Detection angle	54° horizontal, 70° vertical
	e.g. for electric door opener Bi-stable latching relay #2,	Range	1 - 10 m (3.3 - 32.9 ft), depends on environment, configurable in 1 m (3.3 ft) steps.
	max. 1-24 V DC/V AC, 1 Ampere, e.g. for electric door opener • External input for external door opener button (potential-free) • 15 V DC input (+, -), max. 15 W • Relays can be expanded / detached with DoorBird I/O Door Controller	Technology	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
Weather-proof	Yes, IP65	Configuration	both)Individual events (e.g. switch a relay,
Approvals	CE, IC, FCC, RoHS, IP65, IK08 253 x 131 x 48,75 mm (H x W x D)		push notification, SIP call [audio/video], HTTP(s) notification)
Dimensions	9.96 x 5.16 x 1.92 in (H x W x D)		· Individual schedules
Operating conditions	-25 to +55°C / -13 to 131°F Humidity 10 to 85 % RH (non condensing)	RFID	
		Туре	Active Reader Passive Tag (ARPT) system ISO/IEC 18000-2:2009 Part 2, EM4100,
Scope of delivery	1x Main Electrical Unit	Standard	EM4102
	1x Front panel	Frequency	125 KHz
	1x Flush-mounting housing (backbox) 1x Power supply unit (mains adaptor)	Range	0 - 3 cm, depends on environment
	with four country-specific outlet adaptors	Antenna	Internal
	(110 - 240 V AC to 15 V DC) 1x RFID key fob 1x Screwdriver	Compatible Transponder	RFID key fobs, sold separately, see www.doorbird.com/buy
	1x Quickstart guide with	Transportaci	Up to 100 tags manageable
	Digital Passport 1x Installation manual 1x Small parts		Via app, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay,
Warranty	see www.doorbird.com/warranty	Configuration	push notification, SIP call [audio/video], HTTP(s) notification) Individual schedules
CURRENT SYSTEM REC		INTEGRATED WIRELE	
	Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet	RFID	125 KHz
		Sensor	24 GHz, can be disabled
System requirements	Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fiber optic, no socks or proxy server	OPTIONAL ACCESSORIES	
		Sold separately	see www.doorbird.com/buy
	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	Special remarks: Assembly requires pro	ofessional skills or a technician.
	installation height.		