



D2102KV

IP VIDEO DOOR STATION

For houses and buildings with up to 2 units
Keypad Module • 2 Call Buttons

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 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, Nice, Fibaro, Bang & Olufsen and others



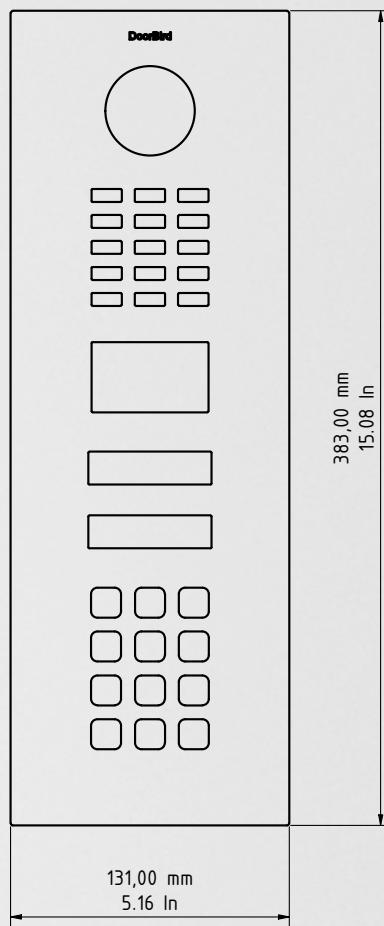
<p> Automatic door buzzer</p> <ul style="list-style-type: none"> • For use in medical offices and office environments 	<p> HDTV video</p> <ul style="list-style-type: none"> • Ultra wide-angle, hemispheric lens, 180° 	<p> 4D Motion sensor with 4D technology</p> <ul style="list-style-type: none"> • Distance up to 10 m adjustable via App (interval: 1 m)
<p> Night vision</p> <ul style="list-style-type: none"> • With 12 Infrared LEDs 	<p> Light sensor</p> <ul style="list-style-type: none"> • For night vision mode 	<p> Noise reduction and echo cancellation (AEC, ANR)</p>
<p> Individual action schedules, e.g.:</p> <ul style="list-style-type: none"> • RFID key fob "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 	<p> Two freely configurable bistable switching relays</p> <ul style="list-style-type: none"> • Two doors or gates can be controlled via App • Status configurable via App: temporary or permanent circuit 	<p> Keypad Module</p> <ul style="list-style-type: none"> • Configurable via App • Up to 500 individual PIN codes • Individual events (e.g. trigger a relay, HTTP(s) request)
<p> Geofencing</p> <ul style="list-style-type: none"> • Automatic door and gate opening when returning home 	<p> RFID reader</p> <ul style="list-style-type: none"> • Configurable remotely via App (e.g. time frame) 	<p> Easy connection to the network</p> <ul style="list-style-type: none"> • Connection via a network cable or bell wire via 2-Wire Ethernet PoE+ Converter DoorBird A1072 (PoE, network data)
<p> Call button</p> <ul style="list-style-type: none"> • With backlit nameplate 	<p> Microphone</p> <ul style="list-style-type: none"> • Clear voice transmission 	

GENERAL		AUDIO	
Front panel	3 mm (0.12 in) For materials and colors see material board and Online Shop.	Audio components	Speaker and microphone, noise reduction and echo cancellation (ANR, AEC)
Mounting type	Flush- or surface-mounted, mounting housing sold separately	Audio streaming	Two-way, full duplex
Power supply	15 V DC (max. 15 W) or Power over Ethernet (PoE 802.3af Mode-A)	NETWORK	
Call button	Illuminated	Ethernet	RJ45 jack, PoE 802.3af Mode-A, 10/100 Base-T
Nameplate	Plastic. Engravable metal nameplate sold separately, see www.doorbird.com/buy	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
Keypad Module	12 keys, illuminated, configurable via App, e.g. <ul style="list-style-type: none">• Individual PIN codes• Individual events (e.g. switch a relay, HTTP(s) request)• Individual schedules• Up to 500 PIN codes manageable• 30 most recent entries viewable in history	MOTION SENSOR	
Weight	1460 g	Type	Active
	<ul style="list-style-type: none">• RJ45, for LAN/PoE• Bistable latching relay #1, max. 24 V DC/AC, 1 Ampere, e.g. for electric door opener• Bistable latching relay #2, max. 24 V DC/AC, 1 Ampere, e.g. for electric door opener• External input for external door opener button• 15 V DC input (+, -), max. 15 W• Relays can be expanded / detached with DoorBird I/O Door Controller	Detection angle	54° (H), 70° (V)
Connectors		Range	1 - 10 m (3.3 - 32.9 ft), depends on environment, configurable in 1 m (3.3 ft) steps.
Weather-proof	Yes, IP65	Technology	4D. Based on multiple integrated sensors and algorithms, e.g. Radio Frequency Energy (RFE) Via App, e.g. <ul style="list-style-type: none">• 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
Approvals	IP65, CE, FCC, IC, RoHS, IK08, REACH, IEC/EN 62368, IEC/EN 62471, UL 62368-1	RFID	
Dimensions	383 x 131 x 49,6 mm (H x W x D) 15.08 x 5.16 x 1.95 in (H x W x D)	Type	Active Reader Passive Tag (ARPT) system
Operating conditions	-25 to +55°C / -13 to 131°F Humidity 10 to 85 % RH (non-condensing)	Standard	ISO/IEC 18000-2:2009 Part 2, EM4100, EM4102
Scope of delivery	1x Main Electrical Unit 1x Front panel 1x RFID key fob 1x Screwdriver 1x Quickstart guide with Digital Passport 1x Installation manual 1x Small parts	Frequency	125 KHz
Warranty	see www.doorbird.com/warranty	Range	0 - 3 cm, depends on environment
CURRENT SYSTEM REQUIREMENTS		Antenna	Internal
	Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet	Compatible Transponder	RFID key fobs, sold separately, see www.doorbird.com/buy
System requirements	Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fiber optic, no socks or proxy server	Configuration	Up to 500 tags manageable Via App, e.g. <ul style="list-style-type: none">• Tag (add, delete)• Individual events (e.g. switch a relay, SIP call [audio/video], HTTP(s) notification)• Individual schedules• RFID history available for 60 minutes in the app
Recommended installation height	Network: Ethernet Network, with DHCP Camera lens should be at a min. height of 145 cm (57 in). Before the installation please determine your optimal installation height.	INTEGRATED WIRELESS MODULES	
VIDEO		RFID	125 KHz
Camera	HDTV 720p, dynamic (VGA - HDTV)	Sensor	24 GHz, can be disabled
Lens	High-end ultra wide-angle hemispheric lens 180° (D), 140° (H), 100° (V), straightened, IR-capable	THIRD-PARTY INTEGRATION (DOORBIRD CONNECT)	
Night-vision	Yes, light sensor, automatic IR-cut filter, 12 Infrared LEDs (850 nm)	Partnerintegrations	see www.doorbird.com/connect
		API	see www.doorbird.com/api
		Simultaneous video streams	One, for event-based and continuous recording
OPTIONAL ACCESSORIES		OPTIONAL ACCESSORIES	
		Sold separately	<ul style="list-style-type: none">• Power supply unit (mains adaptor) with 4 country-specific outlet adaptors (100 - 240 V AC to 15 V DC) - EAN 4260423867314• Surface-mounting housing, flush-mounting housing, Protective-Hood• See www.doorbird.com/buy

Special remarks:

Assembly requires professional skills or a technician.

Front panel material thickness: 3.0 mm (0.12 in)



Front panel

