





















D21XFV EKEY SLINE

IP VIDEO DOOR STATION

For single-family houses and commercial buildings with up to 2 units With cut-out for ekey sLine Fingerprint Reader Module 1 or 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 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



Microphone

· Clear voice transmission





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 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



Integration option for ekey sLine fingerprint reader

· Front panel prepared for ekey sLine fingerprint set, not included in delivery



Easy connection to the network

· Connection via a network cable or bell wire via 2-Wire Ethernet PoE+ Converter DoorBird A1072 (PoE, network data)



Geofencing

· Automatic door and gate opening when returning home



Noise reduction and echo cancellation (AEC, ANR)



Two freely configurable bistable 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 reader

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

TECHNICAL SPECIFICATIONS

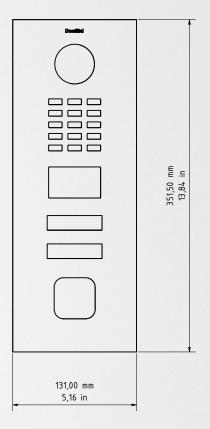


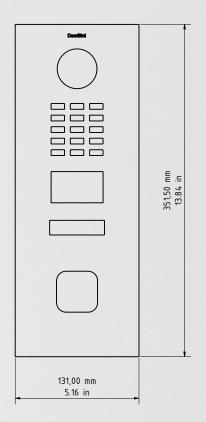
Front panel	3 mm (0.12 in)	Audio
	For materials and colors see material board and Online Shop.	Audio
Mounting type	Flush- or surface-mounted, mounting housing	Audio
	sold separately 15 V DC (max. 15 W) or Power over	NETW Ethern
Power supply	Ethernet (PoE 802.3af Mode-A)	Luieiii
Call button	Illuminated	Suppo
Nameplate	Plastic Metal cover plate and engraving available separately, see www.doorbird.com/buy	MOTI Type
Weight	D2101FV ekey sLine: 1360 g D2102FV ekey sLine: 1400 g	Detect
Connectors	RJ45, for LAN/PoE Bistable latching relay #1, max. 24 V DC/AC,	Range
	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	Techno
	button (potential-free) • 15 V DC input (+, -), max. 15 W • Relays can be expanded / detached with DoorBird I/O Door Controller	Config
Protection class	IP65, IK08	RFID
Approvals	CE, FCC, IC, UKCA, RoHS, REACH, WEEE, IEC/EN 62368, IEC/EN 62471, UL 62368-1	Туре
Dimensions	131 x 351,5 x 48,75 mm (H x W x D) 5.16 x 13.84 x 1.92 in (H x W x D)	Standa
	-25 to +55°C / -13 to 131°F	Freque
Operating conditions	Humidity 10 to 85 % RH (non-condensing)	Range
Scope of delivery	1x Main Electrical Unit 1x Front panel 1x Nameplate for 1 call button, metal, bell symbol (D2101FV ekey sLine) 1x RFID key fob 1x Screwdriver	Comp Transp
	1x Quickstart guide with Digital Passport 1x Installation manual 1x Small parts	Config
Warranty	see www.doorbird.com/warranty	
CURRENT SYSTEM R	EQUIREMENTS	INTE
System requirements	Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet	RFID
	Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fiber optic, no socks or proxy server	Senso
		THIRI
	Network: Ethernet Network, with DHCP	Partne
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.	Simuli
FINGERPRINT READ		OPTI
Supported Fingerprint Reader Module	Front panel with cut-out for ekey sLine fingerprint set, not included in delivery Includes drillings, milling, bolts, additional seal and mounting material for immediate start	Sold s
VIDEO		
Camera	HDTV 720p, dynamic (VGA - HDTV)	
Lens	High-end ultra wide-angle hemispheric lens 180° (D), 140° (H), 100° (V), straightened, IR-capable	
	ik capable	

AUDIO		
Audio components	Speaker and microphone, noise reduction and	
Audio streaming	echo cancellation (ANR, AEC) Two-way, full duplex	
NETWORK	oay, .a dap.ox	
Ethernet	RJ45 jack, PoE 802.3af Mode-A, 10/100 Base-T	
Supported protocols	HTTP, HTTPS, SSL/TLS, Bonjour, DNS, RTSP, RT TCP, UDP, RTCP, ICMP, DHCP, ARP, SIP, DTMF (RTP [RFC-2833], SIP INFO [RFC-2976]), STM	
MOTION SENSOR		
Туре	Active	
Detection angle	54° (H), 70° (V)	
Range	1 - 10 m (3.3 - 32.9 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)	
Configuration	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		
Туре	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	
Compatible Transponder	RFID key fobs, sold separately, see www.doorbird.com/buy Up to 500 tags manageable	
Configuration	Via App, e.g. • 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	
INTEGRATED WIRELE	SS MODULES	
RFID	125 KHz	
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 streams	One, for event-based and continuous recording	
OPTIONAL ACCESSOR	RIES	
Sold separately	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	



Front panel material thickness: 3.0 mm (0.12 in)







Ease of Use

Functionality

www.plusxaward.com







