DoorBird
Technology meets Design.

D2101KV

IP VIDEO DOOR STATION

Brushed Stainless Steel · Keypad Module · 1 Call button

Designed, developed and made in Germany

TECHNICAL SPECIFICATIONS

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GENERAL	
Front panel	Brushed stainless steel, 3 mm (0.12 in)
Mounting housing (backbox)	Stainless steel
Mounting type	Flush-mounted, surface-mounting housing sold separately
Power supply	15 V DC or Power over Ethernet (PoE 802.3af Mode-A)
Call button	Plastic. Engraveable metal cover plate sold separately, see www.doorbird.com/buy
Nameplate	Illuminated
Keypad Module	12 keys, illuminated, configurable via App, e.g. • Individual PIN codes • Individual events (e.g. switch a relay, HTTP(s) notification) • Individual schedules • Up to 100 PIN codes manageable
Weight	2040g
Connectors	• RJ45, for LAN/PoE • Bi-stable latching relay #1, max. 1-24 V DC/V AC, 1 Ampere, e.g. for electric door opener • Bi-stable latching relay #2, max. 1-24 V DC/V AC, 1 Ampere, e.g. for electric door opener • Switch relays, max. 1-24 V DC / V AC, 1 ampere, e.g. for conventional door chimes • External input for external door opener button (potential-free) • 15 V DC input (+, -)
Weather-proof	Yes, IP65
Approvals	CE, IC, FCC, RoHS, IP65, IK08
Dimensions	349,5 x 129 x 49,6 mm (H x W x D) 13.76 x 5.08 x 1.95 in (H x W x D)
Operating conditions	-25 to +55°C / -13 to 131°F Humidity 10 to 85 % RH (non condensing)
Scope of delivery	1x Main Electrical Unit 1x Front panel 1x Flush-mounting housing (backbox) 1x Power supply unit (mains adaptor) with four country-specific adaptors (110 - 240 V AC to 15 V DC) 1x RFID key fob 1x Screwdriver 1x Quickstart guide with Digital Passport 1x Installation manual 1x Small parts
EAN	4260423862708
Warranty	see www.doorbird.com/warranty

CURRENT SYSTEM REQUIREMENTS	
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 Network: Ethernet Network, with DHCP
Recommended installation height	Camera lens should be at a min. height of 125 cm (49 in)

VIDEO	
Camera	HDTV 720p, dynamic (VGA – HDTV)
Lens	High-end ultra wide-angle hemispheric lens 180° horizontal, 90° vertical, straightened, IR-capable
Night-vision	Yes, light sensor, automatic IR-cut filter, 12 IR-LEDs (850 nm)

AUDIO	
Audio components	Speaker and microphone, echo and noise cancellation (AEC, ANR)
Audio streaming	Two-way, full duplex

NETWORK	
Ethernet	RJ45 jack, PoE 802.3af Mode-A

MOTION SENSOR	
Type	Active
Detection angle	110°
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	
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
Compatible Transponder	RFID key fobs, sold separately, see www.doorbird.com/buy Up to 100 tags manageable
Configuration	Via App, e.g. • Tag (add, delete) • Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) notification) • Individual schedules

INTEGRATED WIRELESS MODULES	
RFID	125 KHz
Sensor	24 GHz, can be disabled

OPTIONAL ACCESSORIES	
Sold separately	see www.doorbird.com/buy

Special remarks:
Assembly requires professional skills or a technician.

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TECHNICAL DRAWINGS

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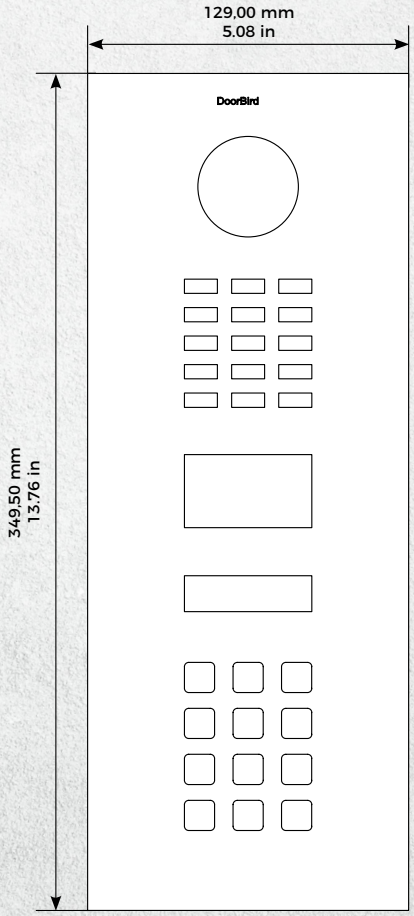
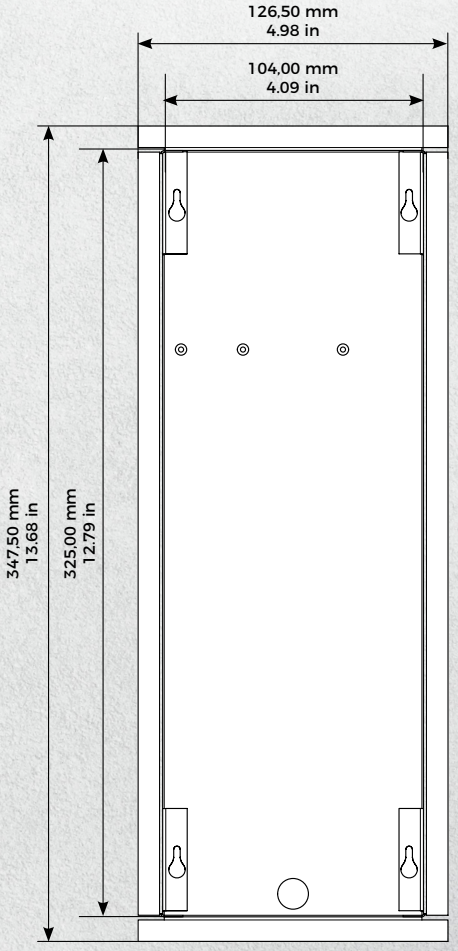
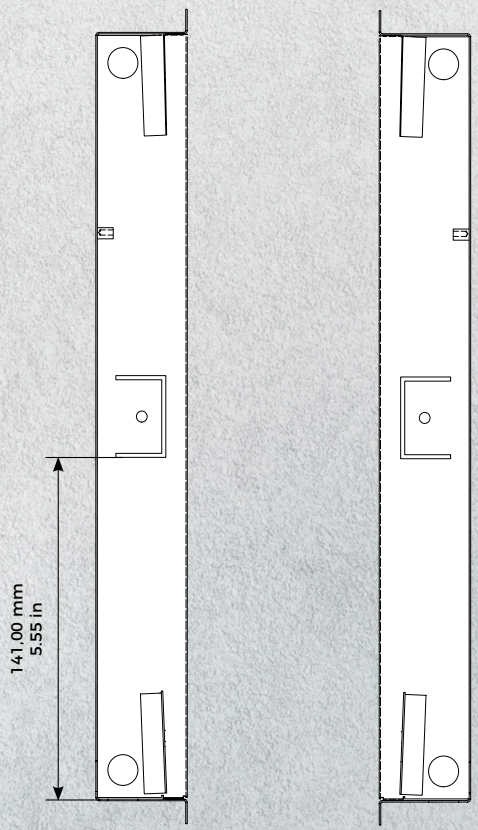
Front panel material thickness: 3.0 mm (0.12 in)



Front panel



Flush-mounting housing (backbox)



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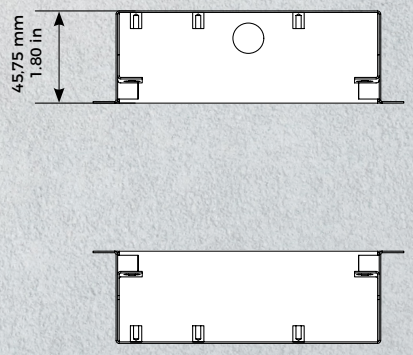

Flush-mounting housing (backbox)

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