### DoorBird
Technology meets Design.

**D21DKV**

## IP VIDEO DOOR STATION
Brushed Stainless Steel · Display Module · Keypad Module

Designed,
developed and
made in Germany

## GENERAL

| | |
|---|---|
| Front panel | Brushed stainless steel, 3 mm (0.12 in) |
| Mounting housing (backbox) | Stainless steel |
| Mounting type | Flush-mounted |
| Power supply | 15 V DC or Power over Ethernet (PoE 802.3af Mode-A) |
| Display Module | 3.5" LCD (no touch function), illuminated |
| Keypad Module | 16 keys, illuminated, configurable via App, e.g.<br>• Individual PIN codes<br>• Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) notification)<br>• Individual schedules |
| Weight | 2608 g |
| Connectors | • RJ45, for LAN/PoE<br>• Bi-stable latching relay #1, max. 1-24 V DC/V AC, 1 Ampere, e.g. for electric door opener<br>• Bi-stable latching relay #2, max. 1-24 V DC/V AC, 1 Ampere, e.g. for electric door opener<br>• Switch relay, max. 1-24 V DC / V AC, 1 ampere, e.g. for conventional door chime<br>• External input (potential-free), for external door opener button<br>• 15 V DC input (+, -) |
| Weather-proof | Yes, IP65 |
| Approvals | CE, IC, FCC, RoHS, IP65 |
| Dimensions | 402 x 156 x 48.75 mm (H x W x D)<br>15.83 x 6.14 x 1.92 in (H x W x D) |
| Operating conditions | -25 to +55˚C / -13 to 131˚F<br>Humidity 10 to 85 % RH (non condensing) |
| Scope of delivery | 1 x Main Electrical Unit<br>1 x Front panel<br>1 x Mounting housing (backbox)<br>1 x Power supply unit (mains adaptor) with four country-specific adaptors (110 - 240 V AC to 15 V DC)<br>1 x RFID key fob<br>1 x RFID card<br>1 x Small parts<br>1 x Installation manual |
| EAN | 4260423860445 |
| Warranty | see www.doorbird.com/warranty |

## CURRENT SYSTEM REQUIREMENTS

| | |
|---|---|
| System requirements | Mobile device: Newest iOS on iPhone/iPad, newest Android on Smartphone/Tablet<br><br>Internet: High-Speed Landline Broadband Internet connection, DSL, cable or fiber optic, no socks or proxy server<br><br>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.<br><br>If a "Display Module" is connected to the Main electrical unit, the range is limited to 1 m (3.3 ft). |
| Technology | 4D. Based on multiple integrated sensors and algorithms, e.g. Radio Frequency Energy (RFE) |
| Configuration | Via App, e.g.<br>• Range (1.10 m / 3.3 - 32.9 ft)<br>• Movement direction (coming, leaving, both)<br>• Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) notification)<br>• Individual schedules |

## RFID

| | |
|---|---|
| Type | Active Reader Passive Tag (ARPT) system |
| Standard | ISO/IEC 18000-2:2009 Part 2 |
| Frequency | 125 KHz |
| Range | 0 - 3 cm, depends on environment |
| Antenna | Internal |
| Compatible Tags | Sold separately, see www.doorbird.com/buy |
| Configuration | Via App, e.g.<br>• Tag (add, delete)<br>• Individual events (e.g. switch a relay, push notification, SIP call [audio/video], HTTP(s) notification)<br>• Individual schedules |

## INTEGRATED WIRELESS MODULES

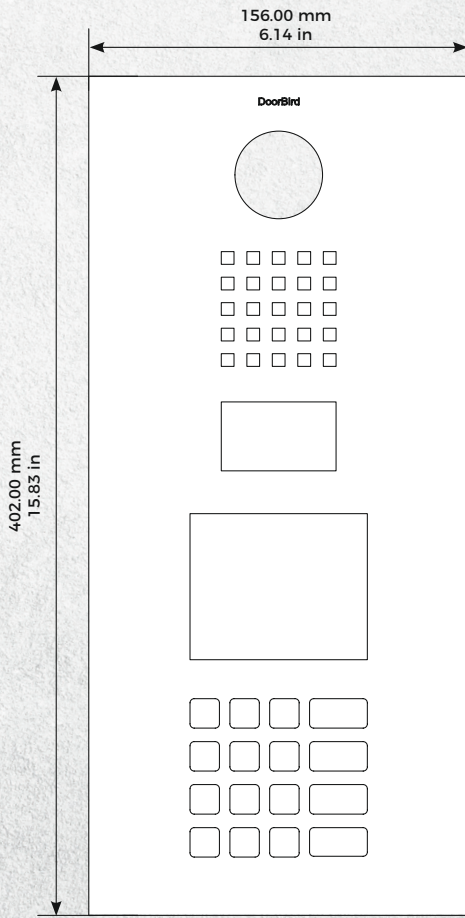| | |
|---|---|
| RFID | 125 KHz |
| Sensor | 26 GHz, can be disabled |

## OPTIONAL ACCESSORIES

| | |
|---|---|
| Sold separately | see www.doorbird.com/buy |

Special remarks:
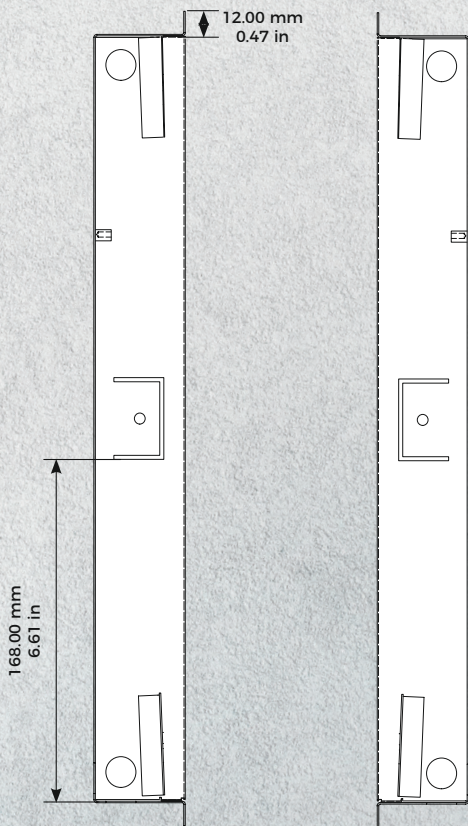Assembly requires professional skills or a technician.

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Front panel material thickness: 3.0 mm (0.12 in)

156.00 mm
6.14 in

402.00 mm
15.83 in

DoorBird

Front panel

151.50 mm
5.96 in

129.00 mm
5.08 in

398.50 mm
15.69 in

376.00 mm
14.80 in

Mounting housing

12.00 mm
0.47 in

168.00 mm
6.61 in
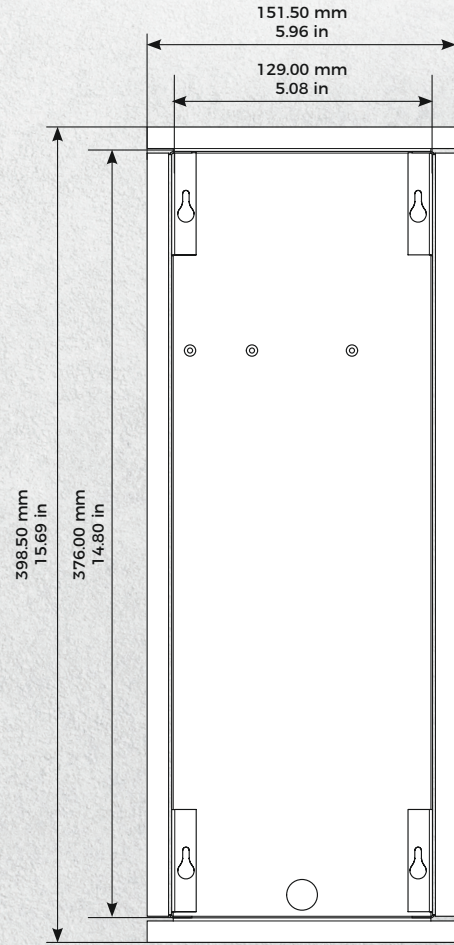
Mounting housing          Mounting housing

45.75 mm
1.80 in

Mounting housing