

## IVDS-B Intelligent Video Door Station Black

The IVDS-B Intelligent Video Door Station delivers a premium front door experience fully integrated with your RTI control system. This sophisticated IP video intercom combines cutting-edge security features with elegant design to enhance your home's protection and convenience. With its Full HD 156-degree wide-angle camera and Adaptive Face Zooming technology, the IVDS-B provides exceptional video quality and comprehensive monitoring of your entrance area. The system immediately alerts you to unexpected activity, allowing constant awareness of your home surroundings.

### Key Features

#### Refined Aesthetics

The Door Station features a clean, minimalist design that complements any architectural style. Its backlit button can be customized across the full RGB spectrum and indicates the current status: idle, ringing, in-call, or door open.

#### Built to Last

Featuring IP66 and IK08 certifications, the IVDS-B offers outstanding durability. Constructed from high-quality anodized aluminum, it delivers superior resistance against vandalism, water, and dust.

#### Intelligent Access Management

Unlike standard video doorbells, the IVDS-B allows direct connection to your door strike. This enables door access management with an RTI system - answer for visitors and permit entry.

#### Proactive Security

The system's motion detection capabilities trigger instant notifications and recording when movement is detected or the microphone registers unusual noise levels.

#### Superior Audio Experience

Communicate clearly with visitors even in noisy environments thanks to the sensitive microphone and intelligently designed speaker system.

#### Seamless Integration

Enables effortless communication, monitoring, and access control through a unified interface. With customizable automation and two-way audio/video support, users can manage entry points conveniently from the RTI control system.



### Required Accessories (sold separately)



IVDS-FIB  
Flush Installation Box

or



IVDS-SIB  
Surface Installation Box

## Specifications

- **Power:** PoE 802.3af (12.95 W max.) and/or 12 V / 2 A DC
- **Ethernet:** 10/100BASE-TX with Auto-MDIX, RJ-45 jack
- **Recommended Cabling :** Cat-5e or better
- **Active Switch Output :** 12 V DC, max 600 mA
- **Passive Switch:** NO contacts, 20 V AC or 30 V DC, 1 A
- **Inputs:** 1 input - in passive/active mode  
(-30 V to +30 V DC)  
OFF = open or  $U_{in} > 1.5 V$   
ON = short-circuit or  $U_{in} < 1.5 V$
- **Tamper Switch:** Yes
- **Microphone:** 1 integrated Electret microphone
- **Amplifier:** 5 W RMS (Class D)
- **Speaker:** Integrated, 3 W
- **Line Out:** n/a
- **Volume Control:** Adjustable with automatic adaptive mode
- **Full Duplex:** Yes (AEC)
- **Audio Output:** 3 W
- **Audio Protocols:** RTP/RTSP/SRTP
- **Audio Codecs:** G.711, G.729, G.722, L16/16kHz
- **Camera Sensor:** 1/2.7" color CMOS
- **Resolution:** H.264, MJPEG max. 1920 x 1440 (4:3)
- **Frame Rate max:** 30 fps
- **Focal Length:** 0.076 inch
- **Viewing Angle:** 156° /H), 116° (V)
- **Infrared Light:** Yes
- **Wide Dynamic Range:** Yes
- **Minimal Illumination:** 0.3 lux without IR illumination
- **Video Protocols:** RTP/RTSP/RTCP/HTTP, ONVIF v2.4 profile S
- **Video Codecs:** H.264, MJPEG, Zipstream
- **Front Cover:** Aluminum casting
- **Dimensions Video Door Station (WxHxD):**  
3.07" x 6.77" x 0.39" (78mm x 172mm x 10mm)  
Depth = Distance front plate off the wall
- **Weight:** 12.5 oz. (355g)
- **Operating Temperature:** -22°F to +140°F (-30° to +60°C)
- **Operating Humidity:** 10% to 95% non-condensing

- **Dimensions Flush Installation Box (WxHxD) - not included:**  
2.64" x 6.58" x 2.21" (67mm x 167mm x 56mm)  
Material: Plastic black
- **Dimensions Surface Installation Box (WxHxD) - not included:**  
3.661" x 7.323" x 2.835" (93mm x 186mm x 72mm)  
Material: Aluminum black grey (RAL 7021)
- **Warranty:** Three Years (Parts & Labor)

## At-a-Glance



### Full Duplex Intercom

The sensitive microphone and powerful speaker provide superb sound quality, even in noisy environments.



### Full HD Camera

The camera's 156° horizontal and 116° vertical viewing angle covers a large area in front of your door.



### Motion Detection

If motion is detected by the camera, or the microphone picks up increased noise, IVDS-B will instantly notify residents and start recording.



### Ethernet with PoE

Connect your video door station to a PoE switch to power the unit and stream the camera signal to your RTI touchpanel.



### Anodized Aluminum

IVDS-B stands out with a clean, minimalist design and an anodized aluminum front cover.



### IP66 Water Resistant

The high quality wet-painted aluminium provides exceptional resistance against water and dust.



### IK08 Shock Resistant

The IVDS-B's body is built to last and protects the device from vandalism.

## Included in the Box

IVDS-B, connector plate (1), torx head screw (3), torx wrench (1), quick start guide