



# Wi-Fi/PoE Video Doorbell with Face Detection

Integrated with **immix**

## O2DB1

2.3mm fixed lens, black and silver housing

### Features

- **Comprehensive Doorway Security:** Achieve full coverage with a wide field of view
- **Cost-Effective Recording:** Save footage directly to an NVR without subscription fees
- **Clear Communication:** Benefit from noise suppression and echo cancellation for crystal-clear audio
- **Remote Interaction:** Use the Speco Blue App for two-way communication with your doorbell
- **Enhanced Night Vision:** Utilize IR and white LED lights for superior low-light performance
- **Advanced Security Features:** Includes tampering and door contact alarms, plus door unlock functions
- **Reliable Connectivity:** Connect seamlessly with 2.4GHz Wi-Fi
- **Ample Storage:** Built-in micro SD-card slot supports up to 256GB
- **Smart Video Analysis:** Features like video exception detection, face detection, and face capture
- **Complete Package:** Comes with a wireless chime and mounting plate for easy installation

\*With compatible Speco Blue recorder

**NDA**  
COMPLIANT

Built-In White Light To  
Capture Faces In Color



### Camera Specifications

Image Sensor	1/2.8" Progressive Scan CMOS
Image Size	1920 x 1080
Electronic Shutter	1/2s - 1/100000s
IRIS Type	Fixed IRIS
MIN. Illumination	0 lux (white LED ON)
Lens	2.3mm @F2.2; vertical FOV:74° horizontal FOV: 139°, diagonal FOV: 170°

### Network Specifications

Network	100M RJ45
Audio	Built-in MIC x 1, built-in speaker x 1

### Video Specifications

Main Stream	1920x1080/1280x720(1-30fps)
Sub Stream	720P/D1/CIF(1-30fps)
Third Stream	D1/CIF/480x240(1-30fps)
Compression	H.265+/H.265/ H.264+/H.264/MJPEG
Resolution	1080P(1920x1080), 720P(1280x720), D1, CIF, 480x240

### System Specifications

Alarm Triggers	Motion, sensor, analytics
Alarm Events	MicroSD recording, FTP upload
Analytics	Face detection, tampering

### Operating & Unit Specifications

Power	DC12V/0.5A or PoE
PoE Power Supply	Yes
Power Consumption	< 6W
Working Environment	-4°F to 122°F, humidity: less than 95% (non-condensing)
Unit Dimensions	150mm x 50mm x 29.8mm 5.9"(h) x 1.96"(w) x 1.17"(d)

### Client Specifications

Web Browser Support	Google Chrome®, Microsoft Edge®, Internet Explorer®, Apple Safari®, Firefox®
PC Application	Speco Blue VMS
Mobile	SecureGuard® Client, Speco Blue (iPhone® and Android®)

Audio Specifications

Audio Compression	G711A/U
-------------------	---------

Proximity Reader

Frequency	13.56 mHz
Interface	Weigand 26-bit output

Interface Specifications

RS485	Yes
Alarm	1-CH alarm input
Door Lock Output	Yes
Exit Button	Yes
Door Contact Input	Yes
Storage	Built-in micro SD card slot, up to 256GB (SD-card not included)

Optional Accessories



ACSM2P

Smartcard Credential



ACSK2

Key Fob for BLE Reader



ACSC2

Clamshell Credential for BLE Reader



DB1CHIME

Wireless Doorbell Chime



Products are in compliance with NDAA Section 889 Part B Guidelines. Google Chrome® and Firefox® use Java™ which requires an initial internet connection. Apple® and the Apple logo® are trademarks of Apple Inc., registered in the U.S. and other countries. App Store® is a service mark of Apple Inc. Android™, Google Play® and the Google Play logo® are trademarks of Google Inc. Amazon® is used under license from Amazon.com, Inc. or its affiliates. Speco Technologies® is constantly developing and improving products. We reserve the right to modify product design and specifications without notice and without incurring any obligation.

Revised 4/28/25

