



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
- **Built-in card reader** allows for integration with Speco Access
- **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
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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



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