



# Wi-Fi/PoE Video Doorbell with Face Detection

## O2DB1

2.8mm 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

### 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

### Audio Specifications

Audio Compression	G711A/U
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### Proximity Reader

Frequency	125 kHz
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)

### 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	Chrome, Edge, Safari, Firefox, Internet Explorer
PC Application	SecureGuard® VMS, SecureGuard® CMS
Mobile	SecureGuard® Client, Speco Blue (iPhone® and Android™)



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