

# DB-320WIPN

## Professional WiFi Video Doorbell



1080P  
Full HD



Advanced  
night vision



2.4GHz  
WiFi support



Built-in mic & speaker  
for 2 way audio



Door access  
control



Cloud  
connection



Wide-view lens  
for ideal coverage



Face detection  
AI



Large storage support  
up to 256 GB



PoE power  
input



- Max. resolution: 2MP (1920×1080)
- Wide field of view achieving doorway security monitoring
- Access control function
- Noise suppression and echo cancellation
- Visual intercom function: two-way remote communication between the doorbell /mobile APP
- Support door opening by swiping card or mobile APP
- Support IR and white LED lights
- Support tampering alarm and door contact alarm
- 2.4G Wi-Fi
- Built-in micro SD card slot, up to 256GB
- Intelligent Analysis: video exception detection, face detection, face capture, etc.

### Specifications

Model	DB-320WIPN
<b>Camera</b>	
Image Sensor	1/2.8" Progressive Scan CMOS
Image Size	1920×1080
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°
Lens Mount	M8
WDR	80dB
BLC	Yes
HLC	Yes
Defog	Yes
DNR	2D/3D NR
<b>Image</b>	
Video Compression	H.265+/H.265/ H.264+/H.264/MJPEG
H.264 Compression Standard	Baseline Profile/Main Profile/High Profile
Bit rate Type	VBR/CBR
Bit Rate	64Kbps ~ 4Mbps
Resolution	1080P(1920×1080), 720P(1280×720), D1
Main Stream	60Hz: 1920×1080/1280×720(1~30fps); 50Hz :1920×1080/1280×720(1~25fps)
Sub Stream	60Hz: 720P/D1/CIF(1~30fps); 50Hz: 720P/D1/CIF(1~25fps)
Image Setting	Saturation, hue, brightness, contrast, wide dynamic range, sharpness, NR, etc., adjustable through client or web browser
Audio Compression	G711A/U
<b>Card</b>	
Card Type	Mifare card /Desfire card/FM1208 Card/Gicard
Card Reading Protocol	ISO14443A/B
Card Reading Frequency	13.56MHz
Card Reading Duration	<1s
Card Reading Distance	0~3cm
Card Number Storage	Max.3,000
<b>Interfaces</b>	
Network	100M RJ45
Audio	Built-in MIC×1, built-in speaker×1
RS485	Yes
Alarm	1CH alarm input
Door Lock Output	1CH
Exit Button	1 CH
Door Contact Input	1 CH
Anti-Tamper Interface	1 CH
Reset Button	1
Storage	1CH built-in micro SD card slot, up to 256GB

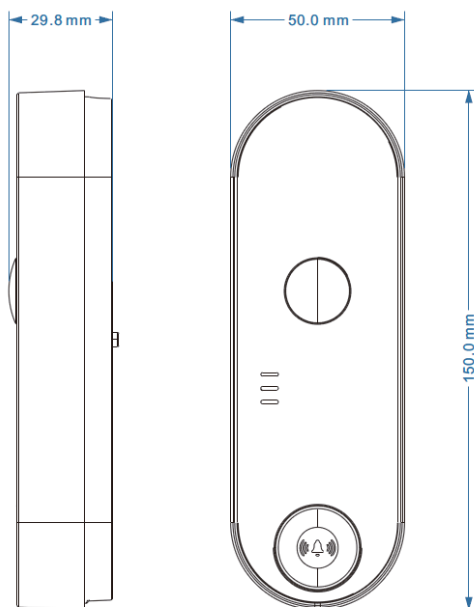
Wiegand Interface	Yes (Wiegand input or output configurable)
WiFi	Supports 2.4G WiFi function
Doorbell Button	Yes
Indicator	Yes
<b>Function</b>	
Remote Monitoring	Web client/CMS remote control
Online Connection	Supports simultaneous monitoring for up to 3 users Supports multi-stream real time transmission
Network Protocol	UDP, IPv4, IPv6, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, UPnP, HTTPS, HTTP
Interface Protocol	ONVIF
Storage	Network remote storage, micro SD card storage
Intelligent Analytics	Face detection, face capture, scene change detection, video blur detection, video cast detection
General Function	Watermark, IP address filtering, video mask, heartbeat, illegal login, image distortion correction
Door Opening Mode	Swiping card or APP remote control
White Light Distance	0.3-1m soft light
IR Light Distance	0.3-3m
Ingress Protection	IP65
<b>Face</b>	
Face Detection	Pupil distance of a facial image over 20 pixel can be detected
Face Capture	Outputting the optimal face image by precise detecting, tracing, capturing, scoring and screening the moving faces
Original Image Capturing	Supports original image capturing and self-defined overlaid information (like device ID, time, etc.)
Intelligent Light Compensation	Built-in high efficient white light LEDs
<b>Others</b>	
Power	DC12V/0.5A
PoE Power Supply	Yes
Power Consumption	< 6W
Environmental Protection	RoHS 2.0, REACH, WEEE, directive94/62/EC
Working Environment	-20°C~50°C, Humidity: less than 95% (non-condensing)
Dimensions(mm)	150mm × 50mm × 29.8mm
Weight (net)	Approx.145g
Installation	Wall mounting

### Available Model

Available Model	DB-320WIPN	Video Doorbell
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## Dimensions

Unit (mm))



## Accessories

Optional:



## **FCC Caution.**

### **§ 15.19 Labelling requirements.**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **§ 15.21 Information to user.**

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

### **§ 15.105 Information to the user.**

**Note:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### **RF warning for Mobile device:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

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