

DB-120A-IW Wi-Fi Video Doorbell



Key Features

Basic Functions

- Video intercom function, supporting the audiovisual communication with the mobile App directly
- Self-adaptive IR supplement with max. 5-meter IR distance
- High-performance embedded SOC processor
- IP 54 standard

Video/Audio Functions

- HD video surveillance with ultra-wide angle (180 °) and high performance CMOS, up to 1080P
- Noise suppression and echo cancellation
- H.264 video compression standard
- Low illumination
- Supports voice prompt
- Volume configuration via App

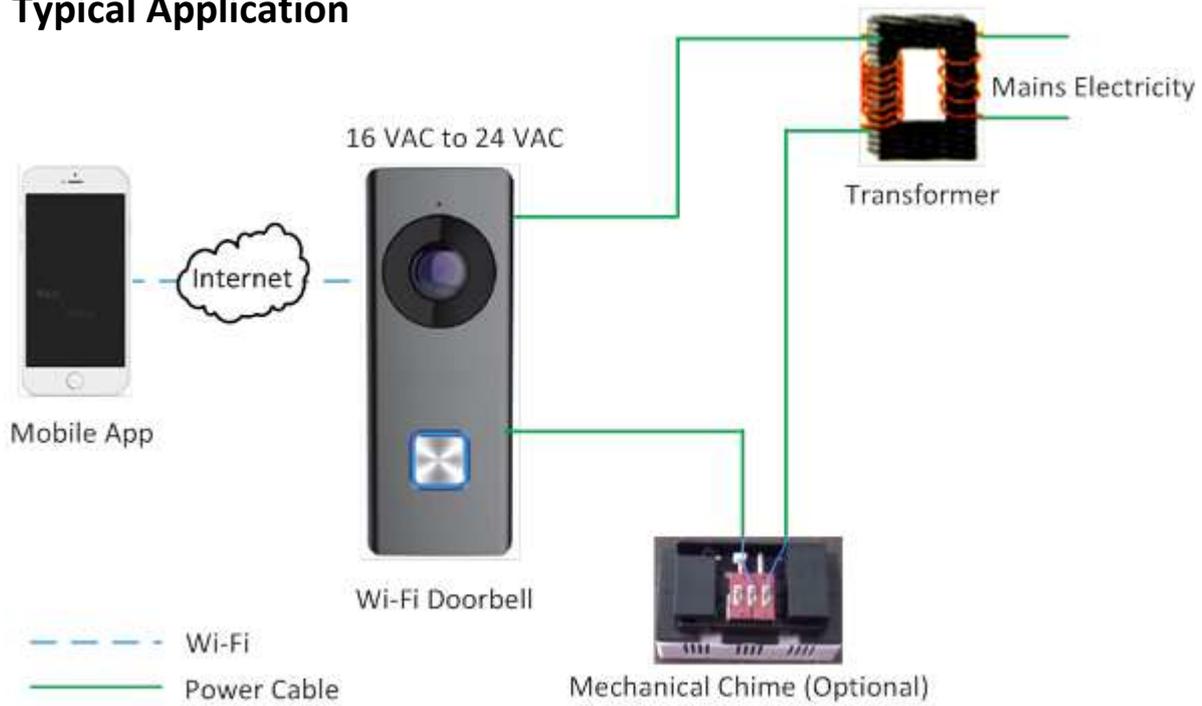
Other Functions

- Online upgrade via the mobile App
- Supports motion detection and video recording
- Supports the storage and playback via TF card
- Equipped with a backlit call button
- Equipped with a replaceable faceplate
- Supports connecting to the mechanical chime
- Equipped with a reset button

Specifications

Model		DB-120A-IW
System parameters	Processor	High-Performance Embedded SOC Processor
	Operation system	Embedded Linux Operation System
Camera parameters	Image sensor	CMOS 2MP HD Colorful Camera
	Light sensitivity	Low Illumination
	Lens	f1.96 mm, F 2.2
	Field of view	180 °(Horizontal), 96 °(Vertical)
Video parameters	Video compression standard	H.264
	Video streaming	Dual Stream Main Stream: 1080P, Sub-Stream: VGA
	Anti-flicker frequency	50 Hz, 60 Hz
	Wide dynamic range	WDR
Audio parameters	Audio streaming	Two-Way, Full Duplex
	Audio input	Built-in Omnidirectional Microphone
	Audio output	Built-in Loudspeaker
	Audio compression standard	G.711 U
	Audio compression rate	64 Kbps
	Audio quality	Noise Suppression and Echo Cancellation
Light supplement	Light supplement mode	IR Supplement, IR Distance: 5 Meters
	Wavelength	940 nm
Network parameters	Network protocol	TCP/IP, RTSP
	Network interface	1 Wireless Interface (Wireless Network Card), Supporting 2.4 GHz
Event	Motion Detection	Supported
Alarm	Motion Detection Alarm	Supported
Device interfaces	TF card	Max. 128 G
	Button	1 Call Button, 1 Reset Button
General	Ingress protection level	IP 54
	Power supply	16 VAC to 24 VAC
	Power frequency	50 Hz to 60 Hz
	Power consumption	Max. 0.6 A
	Working temperature	-30° C to +50° C (-22° F to 122° F)
	Working humidity	10% to 90%
	Dimensions	122.4 mm x 45.9 mm x 28.1 mm (4.82" x 1.81" x 1.11")

Typical Application



Available Model

DB-120A-IW