

Smart Doorbell

LY/ZP10TC400

Dexteriously Lightweight · Minimalist Design · Powerful Functions



A small doorbell for a variety of scenarios

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Product Profile

LY/ZP10TC400 is a dexterous and lightweight smart doorbell featuring a sleek black-gray rectangular design. Its front panel houses, in sequence, camera lenses, a microphone, a microwave sensor, a doorbell button, a speaker, and an IC card reader. A removal hole is designed at the top of the device body, which is used in conjunction with the fixed base.

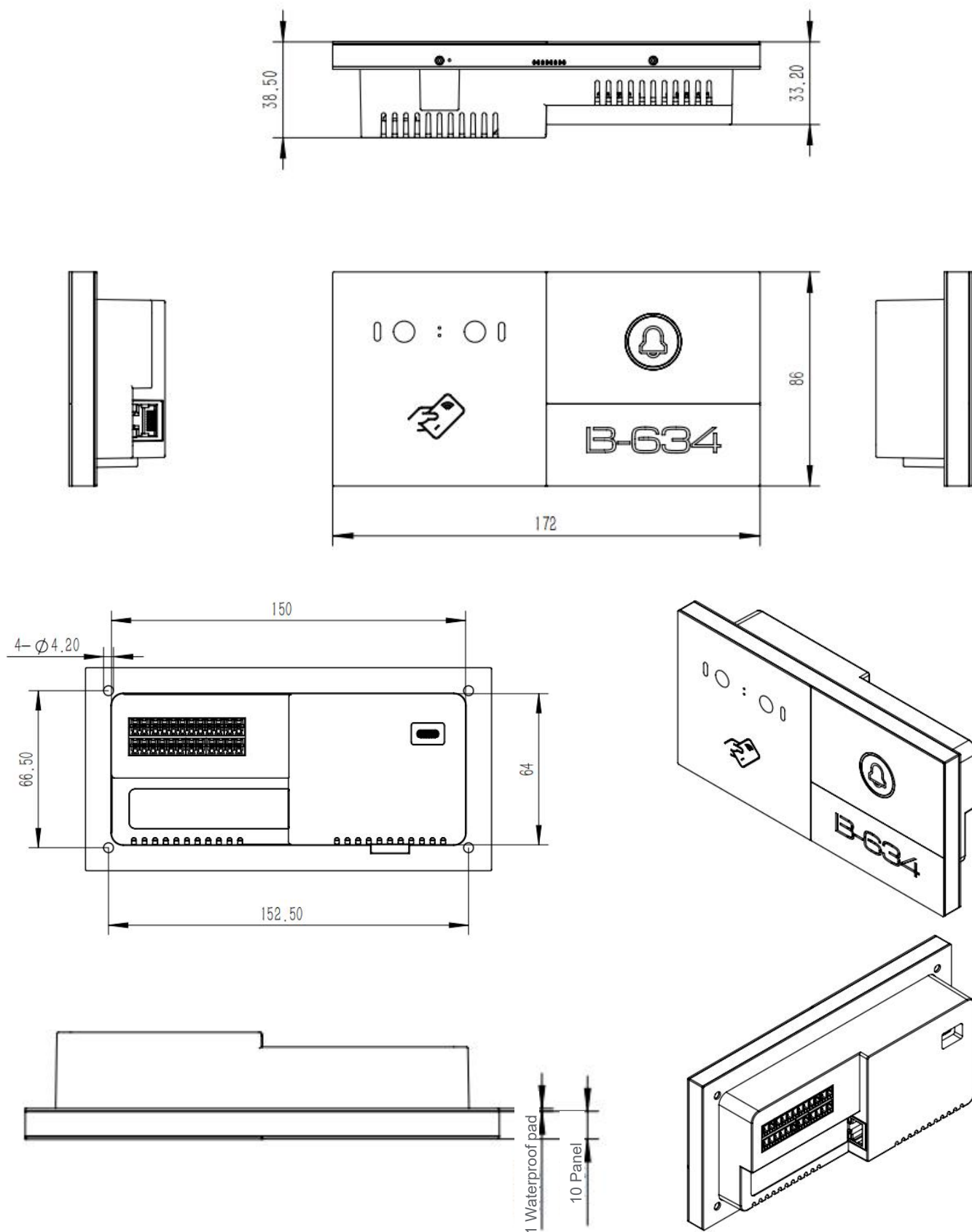
Beyond basic traditional doorbell functionality, the LY/ZP10TC400 integrates advanced technologies such as motion detection and remote two-way audio. These features enhance user security and convenience significantly. Meanwhile, its minimalist and stylish design, combined with user-friendly installation methods, makes it an ideal choice for modern home security monitoring systems.

Functional Characteristics

- **Real-time Monitoring & Two-way Audio:** The doorbell enables real-time monitoring of the area outside the door. Users can conduct two-way conversations with individuals at the door through the device, eliminating the need for direct contact with unfamiliar visitors and ensuring personal safety.
- **Motion Detection & Alarm:** It is equipped with motion detection functionality. When the doorbell is dismantled, it will trigger an audible alarm and automatically capture and store photos.
- **Waterproof Performance & Power Supply:** It holds an IPX65 waterproof and dustproof rating, ensuring stable operating even in harsh weather. With PoE technology, the doorbell achieves continuous power supply without the need for battery installation.
- **Intelligent Linkage:** It coordinates with the central management device. When the doorbell malfunctions or triggers an alarm, it will send automatic notifications to the property management, saving users from unnecessary trouble.

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Product Size Concept Map



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Product Specification

Panel Material	Aluminium
Master Protocol	RK1109
Running Memory	1 GB DDR4/LPDDR4
Storage capacity	16 GB eMMC 4.X
Operating System	Linux base; Startup WebRTC
Network Interface	RJ45 100 Mbps
Service Access	USB2.0 (flashing and repair)
Speaker	1 speaker, peak volume at 1KHz is not less than 100dB
Microphone	1 digital microphone, 10% THD@1KHz ≥ 120
Camera	Dual-camera + live detection (with fill light/night vision function)
SENSOR	Microwave body sensor
RS-485 connection	RS-485 * 1, Parity and Status Communication
Security Alarm	Reserved for 8 Road Defense Area
Deactivation controller	Integrated access control controller, normally open when powered off
Other	WatchDog; tamper alarm
Power Supply	DC 9 ~ 36V (low temperature design, overtemperature protection); PoE 48V (optional)
Working Environment	-20 ° C to + 60 ° C; 10 to 95% RH; IPX65