


X10 is a standalone access control device made of zinc alloy with an IP66 protection rating, ensuring the device operates round-the-clock in all weather conditions.

X10 offers verification methods including RFID cards, PIN codes and fingerprint authentication. It supports dual-frequency card modules 125kHz and 13.56MHz at the same time, granting more flexibility for access control function.

Moreover, X10 is a powerful access control device that offers a variety of features, including remote control via Wi-Fi and Bluetooth connection to the ZKBio Zlink mobile application.

When connected to the ZKBio Zlink mobile app, the X10 enables authorized users to unlock doors from anywhere, making it ideal for businesses with multiple locations or for those who need to access their facilities remotely.

The X10 also supports Wiegand reader operation and features intuitive LED and buzzer indicators for system status and access events.

## Features

- Zinc alloy housing provides robust protection against harsh operating conditions.
- Available card modules: 125 kHz ID card and 13.56MHz IC card.
- Authentication method: Fingerprint / Card / Password
- All functions operate via Zlink, enabling fingerprint template upload to cloud storage and cross-device data synchronization.
- Achieved IP66 ingress protection rating, for waterproof and dustproof.
- Enhanced flexibility, X10 can use as Wiegand reader with LED & buzzer output.
- Embedded with a light-dependent resistor (LDR) for tamper detection.

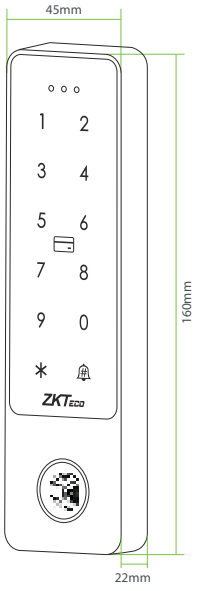
# Specifications

| | |
|---|---|
| Model | X10 |
| Authentication Method | Fingerprint / Card / Password (Physical Touch Keypad ) |
| User Capacity | 500 (1:N) (Standard ) |
| Card Capacity | 500 (1:N) (Standard ) |
| Fingerprint Template Capacity | 500 (1:N) (Standard) |
| Transaction Capacity | N/A (Cloud sync via ZKBio Zlink) |
| Max. User Password Length | Support 6 to 10 Digit number (Factory Default: 6 digits) |
| Biometric Verification Speed | less than 0.3 sec (Fingerprint) |
| False Acceptance Rate (FAR) % | FAR ≤ 0.0001% |
| False Rejection Rate (FRR) % | FRR ≤ 0.01% |
| Card Type | ID & IC Card @125 kHz &13.56 MHz (Standard) |
| Communication | Wi-Fi (IEEE802.11 b/g/n) @ 2.4 GHz / Bluetooth 5.0<br>Wiegand (26-44bits Input)*1<br>Electric Lock*1, Door Sensor*1, Exit Button*1, Doorbell*1 |
| Standard Functions | Access Control, Buzzer, Multiple Verification Methods,<br>LED status indicators:<br>Orange: Programming<br>Green: Verification successful<br>Red: Standby, Verification Fail 3 Beeps<br>Operation Error: 3 Beeps; No Indicator |
| Power Supply | DC 12V 0.15A |
| Operating Temperature | -25°C to 60°C |
| Operating Humidity | 10% to 90% RH (Non-condensing) |
| Dimensions | 160mm*45mm*22mm (L*W*H) |
| Gross Weight | 0.46Kg |
| Net Weight | 0.37Kg |
| Supported Software | Mobile APP: ZKBio Zlink |
| Installation | Wall-mount |
| Housing Material | Zinc Alloy |
| Ingress Protection Rating | IP66 (waterproof and dustproof) |
| Certifications | ISO14001, ISO9001, CE, Equivalent to RoHS |
| Factory ID | AC01-FL40H-01 |

# Configuration




# Dimensions (mm)






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