



X10

Cloud-Powered & Waterproof
Standalone Fingerprint AC Terminal



Fingerprint



RFID



Wi-Fi



IP66

Compatible with
ZKBio Zlink



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 Wiegand (26-44bits Input)*1 Electric Lock*1, Door Sensor*1, Exit Button*1, Doorbell*1
Standard Functions	Access Control, Buzzer, Multiple Verification Methods, LED status indicators: Orange: Programming Green: Verification successful Red: Standby, Verification Fail 3 Beeps 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)

