ZKTeco

X100 and X101
Fingerprint Standalone Access Control Terminal

Fingerprint Verification
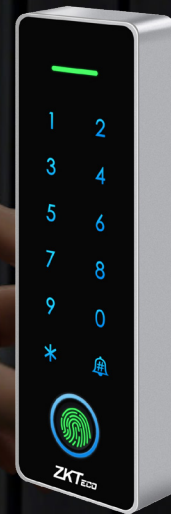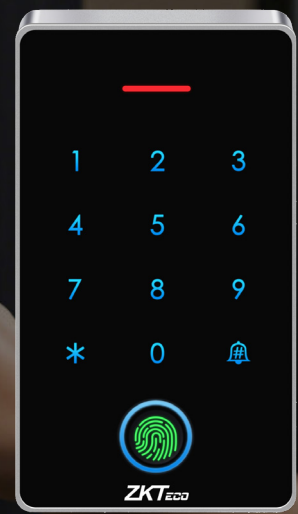
RFID

Custom PIN Code

IP66

X100

X101

ZKTeco's X100 and X101 are standalone fingerprint access control terminals that support multiple authentication methods including fingerprint verification, RFID card reading, and custom PIN codes. X100 and X101 also offer versatile Wiegand connectivity that can adapt to your system requirements.

Bi-directional Entry and Exit Verification (Primary Control Mode):
The X100 and X101 feature dual-role Wiegand connectivity that allows them to function as primary controllers (via Wiegand Input) managing multiple secondary readers to enable comprehensive bi-directional entry and exit verification.

RFID Standalone Reader (Secondary Reader Mode):
The X100 and X101 operate as smart secondary RFID reader (via Wiegand Output), that seamlessly integrates with existing access control systems and controllers. In this configuration, the X100 and X101 offer standalone capabilities while feeding data to your primary access control system, providing flexible expansion without replacing existing infrastructure.

Above all, the X100 and X101 are certified with an IP66 protection rating for water-resistant and dustproof, making them ideal solutions for both indoor and outdoor applications.
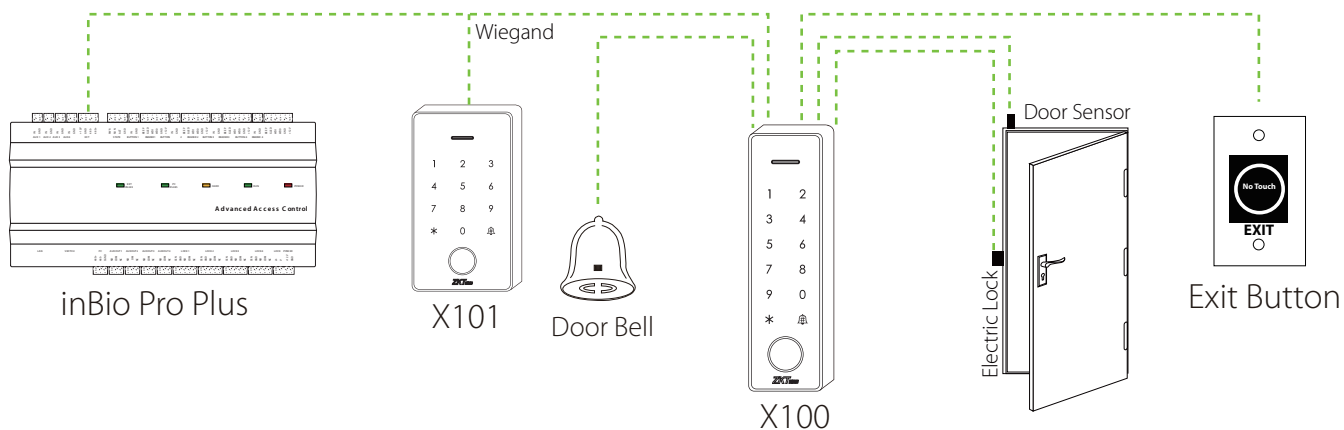
Features

• Multi-modal authentication, including fingerprint and custom PIN codes for enhanced security.

• Standalone operation with integrated user management. No additional software is required.

• Versatile Wiegand connectivity (Wiegand Input / Output) capability for flexible system integration.

• Certified with IP66 protection rating for water-resistant and dustproof.

Specifications

Model	X100 / X101
Display	N/A
Authentication method	Fingerprint / Card / PIN Code (Physical Touch Keypad)
User Capacity	10,500 (1:N) (Standard)
Card Capacity	10,000 (1:N) (Standard)
Fingerprint Template Capacity	500 (1:N) (Standard)
Transaction Capacity	N/A
Max. User Password Length	Support 4 to 10 Digit number (Factory Default: 4 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 Card @125 kHz (Standard) IC Card @13.56 MHz (Optional)
Communication	Wiegand (26-44bits Input / Output)*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℃ to 60℃
Operating Humidity	10% to 90% RH (Non-condensing)
Dimensions	X100: 140mm * 45mm * 15mm (L*W*H) X101: 115mm * 70 mm * 15mm (L*W*H)
Gross Weight	X100: 0.21Kg X101: 0.23Kg
Net Weight	X100: 0.105Kg X101: 0.140Kg
Supported Software	N/A
Installation	Wall-mount
Housing Material	ABS
Ingress Protection Rating	IP66 (waterproof and dustproof)
Certifications	ISO14001, ISO9001, CE, RoHS

Configuration

inBio Pro Plus | X101 | Door Bell | Wiegand | X100 | Door Sensor | Electric Lock | Exit Button

Dimensions (mm)

X100 — 140mm, 45mm, 15mm

X101 — 115mm, 70mm, 15mm