

Elite Access

Robust Facial Recognition Terminal with Ultra-large Capacity



Elite Access is a new high-level facial recognition terminal with extremely powerful facial recognition capability supported with ZKTeco's customized powerful CPU and ultra-large capacity of facial templates, a maximum of 50,000 facial templates for 1:N recognition.

With its powerful core and the latest facial recognition algorithm, Elite Access rapidly recognizes a face within 0.3 second, while effectively preventing any kinds of print attack with its strong anti-spoofing algorithm.

Besides, Elite Access is equipped with a 2MP low-light WDR camera and backed by an international standard rating of IP68 (dust and waterproof standard) and IK04 (vandal-proof standard) which guarantees high-quality facial recognition and outdoor durability under challenging lighting conditions (0.5lux - 50,000lux) and extreme weather from -30°C to 60°C.

Features

- Ultra-large capacity: 30,000 facial templates (Standard) or 50,000 facial templates (Optional) for 1:N facial authentication
- Unrivalled facial recognition speed (less than 0.3 seconds per face)
- 2MP starlight CMOS sensor camera with WDR function, which enables the terminal to recognize faces under challenging lighting environment (0.5 lux – 50,000 lux)
- Anti-spoofing algorithm against print attack (laser, color and B/W photos), videos attack, and 3D mask attack
- Smart energy-saving design; a microwave detector will wake up the terminal when it precisely detects the distance between the user and the device is 3 meters (~9.84 feet) or less
- Integrated 125 kHz prox card reader (optional IC Card)
- 8" touchscreen with 400 lux, which offers high visibility under strong and direct light
- Supplement lighting with adjustable brightness
- Multiple communication methods: TCP / IP, RS485, RS232, Wi-Fi (optional)
- IP68 dust-proof and waterproof standard and IK04 vandal-proof standard
- Wide range of working temperature (-30 ~ 60°C; -22~ 140°F)

Specifications

Capacity

- **faces:** 30,000(1:N)
50,000(Optional)
- **Users:** 50,000
- **Transactions:** 1,000,000
- **User Photos:** 20,000
- **Event Photos:** 10,000

Compatibility

Security Relay Box
Wiegand / RS485 / RS232 Slave Reader
With FP / RFID / Barcode(Optional)
ZKBioSecurity Software

Hardware

- 900MHz Dual Core Customized CPU
512MB RAM / 8G Flash
- 125KHz EM Reader / 13.56MHZ
IC Card(Optional)
- 2MP WDR Low Light Camera
Hi-Fi Voice
- Microwave Distance Detection Sensor
8" High Light IPS Touch LCD
Reset Button & Tamper Switch

Access Control interface

Lock Relay Output
Alarm Output / Auxiliary Input
Exit Button / Door Sensor

Standard Function

Access Levels, Groups, Holidays, DST
Duress Mode, Anti-Passback
Record Query, Custom Wallpaper & Screen
Saver, Tamper Switch Alarm

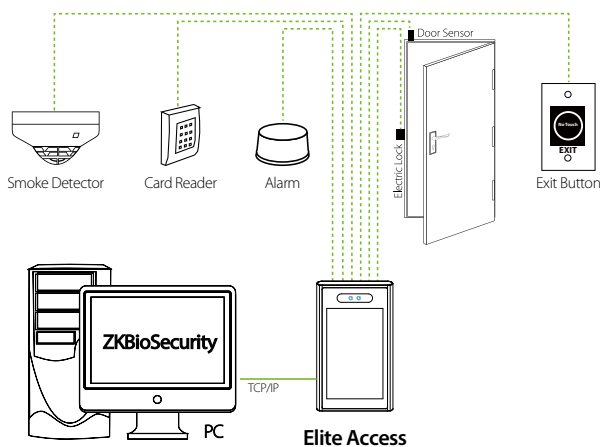
Communication

TCP / IP, RS485 / RS232
Wiegand Input / Output
WIFI(Optional)

Power

Operating Voltage 12V DC
Current Draw < 2,000 mA

Wiring Diagram



Terminal Size Chart

