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℃ to 60℃.

Features

- Ultra-large capacity: 30,000 facial templates (Standard) or 50,0000 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℃; -22~ 140℉)

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" Hight 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

Smoke Detector   Card Reader   Alarm   Door Sensor   Exit Button

ZKBioSecurity   TCP/P   PC   Elite Access

Terminal Size Chart

144.0   25.0   245.6   144.0   245.6