

Reader Technology



EL-3000-001

EL3000/Mifare®

EL3000/Mifare® is a Biometric Mifare® reader-cum-controller that can be used for either door access or clocking alongside with fingerprint verification. This Fingerprint reader is introduced to enhance the level of security for High threat areas Capacitive Sensor Technology which reads the different electrostatic points on your finger to prevent identification theft that is possible on Optical Sensors.

Biometric Features:

- Scanner Type: Silicon fingerprint scanner (508dpi)
- False Rejection Rate: 0.5%
- False Acceptance Rate: 0.01%
- Storage Capacity: up to 10,000 Users and 10,000 transactions
- Format Support: Standard Mifare® & ELID Mifare® Standard (EMS)
- Verification Time: <1 sec
- Identification: One-To-Many (1:N) & One-To-One (1:1)
- Simultaneous Modes of Operation: Finger Only, Card + Finger, Card + PIN, Card only

Hardware Features:

- Color: Blue & Silver Scheme
- Display Type: 2 X 16 Characters backlit LCD
- Keypad: 16-key rubberized keypad
- Communication Interface: RS485, TCP/IP LAN (optional)
- Data Format: Wiegand 26-40 bits
- Read Range: 3-5 cm
- Status Indication: By LED & Beeper
- Radio Frequency: 13.56 Mhz
- Power Consumption: 12V/1000mA
- Communication Output: Wiegand/40 Bit Free Wiegand
- Dimensions: 190(H) X 120(W) X 50(D) mm

Reader Technology



EL-3000-002

EL3000/EM

EL3000/EM is a Biometric EM reader-cum-controller that can be used for either door access or clocking alongside with fingerprint verification. This Fingerprint reader is introduced to enhance the level of security for High Threat areas that uses Capacitive Sensor Technology which reads the different electrostatic points in your finger to prevent identification theft that is possible on Optical Sensors.

Biometric Features:

- Scanner Type: Silicon fingerprint scanner (508dpi)
- False Rejection Rate: 0.5%
- False Acceptance Rate: 0.01%
- Storage Capacity: up to 9000 Users and 10,000 transactions
- Format Support: Standard EM
- Verification Time: <1 sec
- Identification: One-To-Many (1:N) & One-To-One (1:1)
- Simultaneous Modes of Operation: Finger Only, Card + Finger, Card + PIN, Card Only

Hardware Features:

- Color: Blue & Silver Scheme
- Display Type: 2 x 16 Characters backlit LCD
- Keypad: 16-key rubberized keypad
- Communication Interface: RS485, TCP/IP LAN (optional)
- Data Format: Weigand 26-40 bits
- Read Range: 3-5 cm
- Status Indication: By LED & Beeper
- Radio Frequency: 125Khz
- Power Consumption: 12V/1000mA

Reader Technology



EL-3000-003

EL3000/HID

EL3000/HID is a Biometric HID EM reader-cum-controller that can be used for either door access or clocking alongside with fingerprint verification. This Fingerprint readers is introduced to enhance the level of security for High Threat areas that uses Capacitive Sensor Technology which reads the different electrostatic points on your finger to prevent identification theft that is possible on Optical Sensors.

Biometric Features:

- Scanner Type: Silicon fingerprint scanner (508 dpi)
- False Rejection Rate: 0.5%
- False Acceptance Rate: 0.01%
- Storage Capacity: up to 9000 User and 10,000 transactions
- Format Support: HID
- Verification Time: <1sec
- Identification: One-To-Many (1:N) & One-To-One (1:1)
- Simultaneous Modes of Operation: Finger Only, Card + Finger, Card + PIN, Card Only

Hardware Features:

Color: Blue & Silver Scheme
Display Type: 2 x 16 Characters backlit LCD
Keypad: 16-key rubberized keypad
Communication Interface: RS485, TCP/IP LAN (optional)
Data Format: Weigand 26-40 bits
Read Range: 3-5cm
Status Indication: By LED & Beeper
Radio Frequency: 125Khz
Power Consumption: Wiegand/40 Bit Free Wiegand
Dimensions: 190(H) X 120(W) X 50(D) mm