

ID20

Bio-Fusion

SOLUSTM



Main Features

- 8-inch IPS full-view HD display with touch keypad
- Multiple credentials compliant like Smart Card, Face & PIN
- Support real time live detection
- Supports AES 256 bit encryption
- **Authentication mode** : Face / Card / PIN / Card+Face
- Unique live face recognition algorithm to accurately recognize faces, face recognition time is less than 0.3s
- Antipassback through controller, Blacklist user alert, capability with auto Push and Server Authentication.
- Automatic authentication upon successful face capture through TCP/IP
- TCP/IP 10/100 Mbps adaptive Ethernet port
- Onboard RTC
- Encrypted face template storage for data privacy
- Support upto 98,000 face matching library
- Backup of faces within the software database
- Face enrollment through access software with card holder enrollment screen
- Support TLS standard security communication protocols
- Supports 40 lux to 30,000 lux
- Device has real time sync feature with the Server
- Live Face Detection with anti-spoofing against 2D photograph, mobile selfie and video
- Supports User wise authentication modes Built in Lock Control
- **Network Communication** : TCP/IP communication
- **Operating Temperature** : -20 °C to + 70 °C
- **Certification** : CE, FCC, ROHS, BIS

Specification

Processor	1.4Ghz Dual Core Processor
Memory	1GB RAM, 16GB flash
Operating system	Linux
Touch pad	Capacitive multi-touch screen
Viewing angle	Vertical viewing angle: 30°; Horizontal viewing angle: 30°
Sensor	1/2.8" Progressive Scan CMOS
Camera	2MP Dual Camera
Recognition height	1.2~2.2 meters, angle adjustable
Recognition distance	0.3~2.0meters, depends on lens
Recognition time	Less than 0.3 seconds
Face capacity	Upto 98000
Transactions	Upto 5,00,000 and 20,000 Image Log capacity
Card Technology	Mifare / Desfire / SCOSTA CL (13.56 Mhz Frequency)
Duress Fingerprint Option	Yes (Through Controller)
QR Code Reading	Yes
FAR & FRR	0.0001% FAR; 0.1% FRR in Ideal Conditions
IP Rating/Protection	IP54/IP65, Ik06
Network	TCP/IP 10/ 100 Mbps adaptive Ethernet port
Protocol	Weigand / OSDP
Power	DC12V/2A
Operating Temperature	-20 °C to + 70 °C
Working humidity	0~90% relative humidity, no condensation