SOLUS™

ID15

ID 15

Identification based on Prox, Smart Cards, Touch Pin, BLE or Combination of these do not ensure the elimination of problems like lost, stolen or loaned ID cards (also known as "Proxy Punching"), and forgotten or guessed PINs. Hence Security & Administration authorities demand use of biometric technologies to provide unique authentication and avoid such security breach. When Biometric is combined with contact less smart cards, it ensures speedy, multi-factor user authentication hence reinforces the system's overall level of security.

ID15 is a universal biometric reader from Solus, allows users to choose different combinations of Fingerprint, IRIS & Prox, smart card, BLE technology under different variants of the product, within same enclosure hence maintaining same look, feel and user experience.

Key Features

- Card, Fingerprint, Card+Finger, Card or Finger, Card+PIN, PIN+Finger, Card+IRIS, PIN+IRIS
- 4.3" touch display along with keypad
- User configurable display on LCD upon an event
- Identification (1:N) & Authentication modes (1:1)
- Simultaneous Identification or Verification or scheduled mode change.
- 1:N (Identification) for 500, 3000 or 5000 Users
- < 2 seconds processing time.
- Biometric bypass for select users.
- Card Options: Scosta, Desfire, Mifare, Prox, iCLASS, SEOS
- Template storage on Terminal or Smart Card
- Built in Web browser User Interface.
- Weigand, Serial, Ethernet, communication mode.
- Power Over Ethernet Option.
- External (Exit Reader) , Input / Output Ports.
- IP 54

ID 15 as Controller

Single unit is used as a complete one door Access Control System. This means biometric verification, access decision, lock control and record storage all happens on the same unit and unit directly communicates with Access & Terminal Management Software on LAN/WAN connectivity.

A separate Relay module installed at secure side of the door, is recommended to be used with this mode.

ID 15 as Reader

When the terminal is connects to the highly efficient and popular Solus or third party controllers - Wiegand or OSDP mode. Then two or four ID 15 terminals are controlled by a host controller; thus ensuring Finger verification happens on ID15 Terminals but access decisions, lock control and records happens only on host Controller.

System Management Features

Terminal management

Initial configuration, log retrieval, biometric database operations, firmware upgrade all happens over LAN, Easy Web Browser Interface allows convenient remote management in network or on Internet.

Template Management

Enrollment Management seamlessly Integrates with main Access & Visitor Management Application, allows templates registration either on reader or card.

ID 15 also supports a uniquely designed Templates on Storage (SD Card) option (to be specified while ordering), ideal for retro fit installations where large number of Prox / CSN Cards already in circulation, allows quicker Cards to Biometric migration without changing used Prox/smart cards. upto unique 25000 templates stored on Reader / SD card Memory can be associated with Card ID's for 1:1 verification.

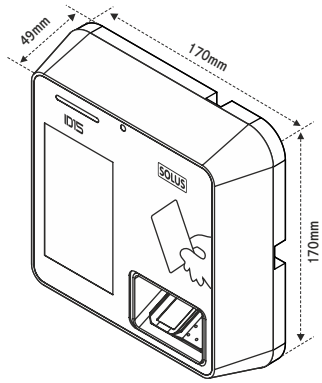
CE FC RoHS Compliant

Technical Specifications

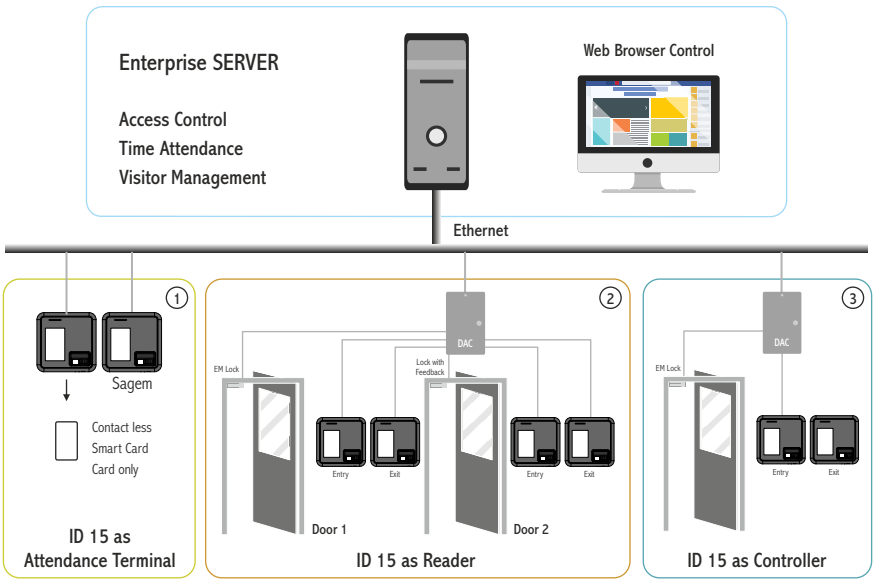
- 500 dpi Optical Sensor 14x20mm polycarbonate enclosure with compact dimensions for rugged Industrial usage / Ip54
- **CPU :** ARM9 Family CPU Dual Core @ 1GHZ, 32bit
- **Memory :** 1Gb Flash, 1Gb RAM
- **FAR & FRR :** Adjustable according to security requirements
- **Template Size :** 256 (Sagem) / ISO19794-2
- Manages up to 500 / 3000 / 5000 users, two templates each, in identification mode
- Operating mode shall be selectable by individual ID
- Web browser user interface
- Fingerprint templates upload / download via laptop & browser
- Compatible with Access & Attendance System Software
- Suitable for stand alone or networked operation
- Multi-color LEDs / Buzzer available
- **Communication Options** : Customisable Wiegand Output or OSDP. Support all bit formats
- Serial and Ethernet (100/1000 Base T)
- Biometric reader is configurable to provide secure, bidirectional communication in compliance with OSDP (Open Supervised Device Protocol) protocol
- **Lock Control :** Relay Contact (one) used
- Tamper switch & secured screw
- **Operating Temperature :** 0° to +50°C
- **Storage Temperature :** -10° to +65°C
- **Humidity Range :** 0% to 95% RH
- **Supply Voltage :** 9V, 16V (250mA @ 12V)
- **Dimensions :** 170 mm(H) x 170mm(W) x 49 mm(D)
- Complies with CE IEC 60529

Dimensions

- Height 170 mm
- Width 170 mm
- Depth 49 mm



System Architecture & Options



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