



TA818

Color Screen Standalone Fingerprint Reader for Time Attendance and Access Control



Specification

- User Capacity**
 - 3,000 Fingerprints, 5,000 ID Cards
- Transaction Capacity**
 - 100,000
- CPU**
 - 64 bit Microprocessor
- Sensor**
 - Super Optical Sensor
- Allowable Finger Rotation**
 - +/- 45° degrees
- Identification**
 - 1:1 or 1:N
- Identification Time**
 - 1:N~2 Sec (1500 Users)
- I/O Interface**
 - RS232 (10m)/485(1.2KM)
- Baud Rate**
 - 9600-115kbps Programmable
- Ethernet**
 - 10/100M
- Wiegand I/O**
 - 26 bit
- USB**
 - USB 2.0 PORT
- Access Control**
 - 50 Time Zone, 5 Grouping, 10 Combination, Support Many Fingerprints Access, Support Standalone Work
- Display**
 - 2.5" TFT-LCD
- Keypad**
 - 4x4 Keypad with 4 Function Keys
- Audio Visual Indicator**
 - RED LED (Access Denied)/GREEN LED (Access Granted) With Audible BEEP or Voice
- Dimensions**
 - 8.0cm(L)*4.2cm(W)*18.3cm(H)
- Power Requirement**
 - 12V DC, 400mA
- FAR**
 - <=0.0001%
- FRR**
 - <=1%
- Temperature Operating**
 - 0°C - 40°C (Indoor Only)
- Humidity Operating**
 - 20% - 80%
- Standard**
 - Wired Doorbell, Wiegand OUT, Wiegand IN
- Standard Functions**
 - ID Card, USB Host, Workcode, RIS

Advanced Features

| | | |
|--|-----------------------------------|------------------------------|
| <p>COLOR LCD 2.5"</p> <p>2.5" TFT Color Screen</p> | <p>Fingerprint Identification</p> | <p>RFID Verification</p> |
| <p>Support USB downloading</p> | <p>Support Wiegand Out-IN</p> | <p>Support Anti-passback</p> |

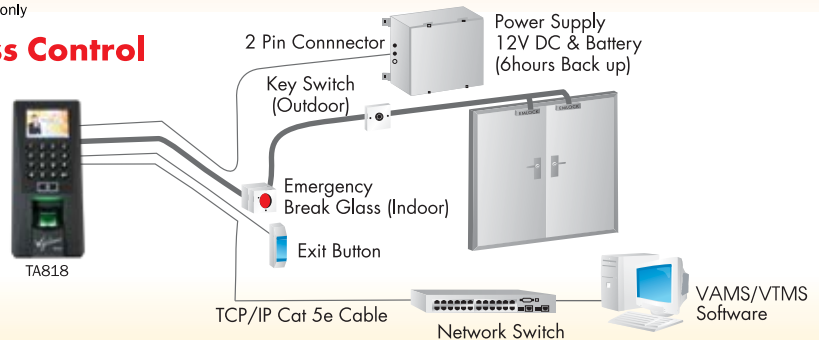
What is TA818

TA818 is an innovative biometric fingerprint reader for access control applications, offering unparalleled performance using an advanced algorithm for reliability, precision and excellent matching speed. The TA818 features the fastest commercial-based fingerprint matching algorithm with high-performance optical fingerprint sensor. The device offers the flexibility to be installed standalone or with any third party panel that supports 26-bit Wiegand. All the operation can be done on the TFT-LCD. The fingerprint image will be displayed during registration to ensure proper position of finger and hence to increase the recognition rate.

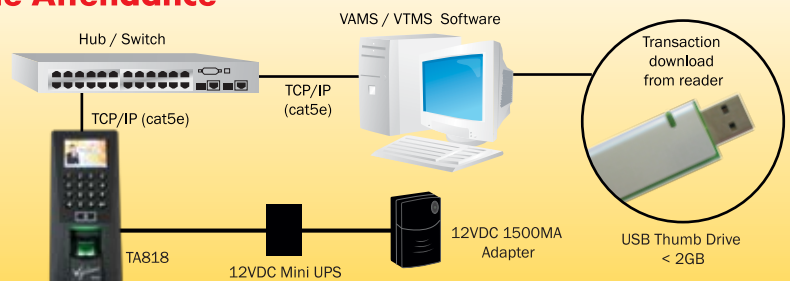
Installation & Communication Diagram

*TCP/IP (cat5e) or USB Thumb Drive (Selectable)
*for illustration only

Access Control



Time Attendance



All product's informations / specifications are subject to change without prior notice.

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