

# TOUCHSTAR SOHO

PROFESSIONAL

Fingerprint & RFID / Smart Card Access System

High security & keyless door entry system for small offices, home offices & apartments



*Simple • Stylish • Convenient*



Fingerprint RFID / Smart Access System

# TOUCHSTAR SOHO

PROFESSIONAL

**TOUCHSTAR SOHO** is a standalone fingerprint authentication system, specifically designed to provide keyless entry and prevent unauthorized access. It is excellent for small offices, home offices and apartments. With stylish design and simple features, we make fingerprint technology easy to use.

**TOUCHSTAR SOHO** fits into any standard UK/Germany/Singapore/Italy and many other wall switches. It will work with any commercial locksets (i.e. Mortise Lock, Electromagnetic Lock, Door Strike, Drop Bolt & etc). Moreover, installation is simple and easy.

## EASY TO INSTALL

Design to fit into any UK/Germany/Singapore/Italy and many other wall switches.

## EASY TO USE

Just place finger to gain access.

## EASY TO OPERATE

Administration buttons provide easy enrollment and administration of the fingerprint templates of masters and users.

## EASY TO INTEGRATE

Works with any commercially available locksets (i.e. Mortise Lock, Electromagnetic Lock, Door Strike, Drop Bolt & etc).

## STYLISH

This standalone system can be easily flush mounted on wall.



Integrated contactless card reader/door bell button to reduce wall clutter



Push to exit button is integrated into controller unit.

## CHOOSE YOUR OWN

With our system, you can choose any kind of ironmongery (door knobs, handles & etc.) to suit your fancy.



# Control Your World At Your Fingertips

TDM Express SOHO is a powerful software tool that maintains and monitors TouchStar devices anywhere. Every TouchStar SOHO can operate both as a standalone authentication device or part of a network specifically designed to provide irrefutable personal identification for security control, time & attendance, facilities control and mission critical applications.



## Central Host



## RS232-to-RS485 Converter

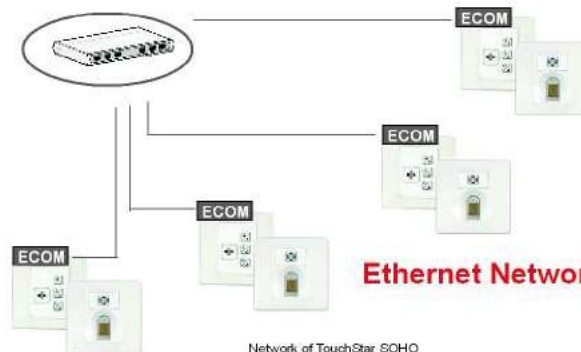


## RS485 Network



max 31 units of TouchStar SOHO within 1 km

## Ethernet Hub/Switch



## Ethernet Network

Network of TouchStar SOHO



# Our Software

## TDM Express SOHO

### Managing of devices

- Configuration of devices' communication mode
- Configuration of devices' properties

### Managing of users

- Central fingerprint enrollment and access rights assignment
- Allows import and export of user information
- Allows easy user records synchronization between devices and software
- Allows mirroring of user records between devices and software

### Managing of log records

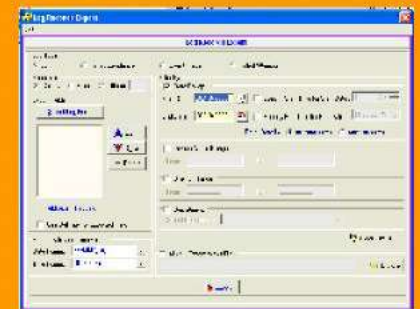
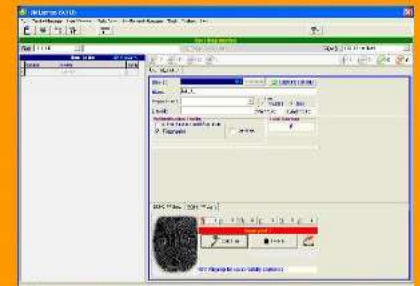
- Allows uploading from devices
- Allows exporting to text
- Allows generation of time attendance reports
- Standalone module supporting continuous or scheduled uploading

### Managing of administrators

- Allows different software access privilege

### Auxiliary features

- Backup and restore functionality



## TDM Express SOHO Professional

- Has similar features as TDM Express SOHO with the following additions:

### Managing of access timezone

- Allows users' accessibility to be controlled by schedules
- Maximum 6 schedules; each schedule has 5 definable periods of accessibility
- Allows creation of 2 calendar years with definable public holidays

## Reports available in TDM Express SOHO

- Time Attendance Detail Report (Single / Multiple Clocking)
- Time Attendance Summary Report
- Time Attendance Log Report
- Event Trace Log Report
- Failed Attempts Log Report
- User Without Fingerprint Enrollment Report
- User Access Rights Report
- User Without Access Rights Report



### PRODUCT SPECIFICATIONS

SOHO Professional wall mounted terminals comes in 2 units – Fingerprint/Smart Card unit and the Controller unit. Each can be fitted in UK Standard Wall Switch. The built-in 'BELL' key on the Fingerprint unit and 'EXIT' key on the Controller provides neat and uncluttered installation. The FP reader is based on Capacitance Measurement using Distinct Area Detection while the Smart card module reads standard Mifare card.

#### Capacity :

- 288 users (20 FP Masters + 268 FP Users + 326 Card Users)
- Transaction buffer : 1600 Log Records
- Standalone or network operation  
Support (FP, Card + FP, Card) Combinations

#### FP Sensor :

- Silicon Area Sensor
  - with robust surface coating
  - >15kV ESD protection
  - 1 million wear cycles
  - immune to ambient lighting levels
- Support enrollment of single or multiple fingers (up to 6 FP per person)
- Rotation Tolerance : +/- 8 degrees (micro ergonomic guidance in housing ensure correct finger placement)
- Fixed quality level during enrollment
  - ensure good quality data for master database
  - reject poor quality FP due to misplacement of finger etc

#### Tamper Monitoring :

When the FP Unit to Controller Unit connection is severed or disconnected, the buzzer or external connected alarm will sound.

#### Auxiliary Outputs :

- Relay
- Alarm

**On board Real Time Clock** to provide date and time stamping on transaction logs

#### 3 LEDs / Buzzer :

Controller Unit's 4- buttons combinations are used for easy enrollment / verification etc

#### Throughput :

- Authentication time : < 5 Sec
- 1: 100 identification time 1.5 Seconds (typical)

#### Communication :

- RS232 / 485 / TCP/IP / Wiegand [multi-format]

#### Support Network

- Downloading of records, templates (via USB PC desktop FP Sensor Unit) operation
- Upload fingerprints templates, cards ID etc

**User ID** : Max 10 Digits (4 byte)

**FAR (False Acceptance Rate)** : < 0.01 %

**FRR (False Rejection Rate)** : < 1%

**Build-in Contactless Reader** : Mifare

- Scanning Range : 3 cm

**OS** : WinXP, Win2K

**Software** : Network Central Software

- TIME ZONE
- 6 different schedules per device
- Each schedule supports 5 time zone with 5 Start/Stop interval per zone





# PRODUCT SERIES

## MODEL NUMBER

## DESCRIPTION

|            |  |
|------------|--|
| TS3200-3SM | TS SOHO Prof - 288 users, Serial and Mifare Reader         |
| TS3200-3SH | TS SOHO Prof - 288 users, Serial and HID Reader            |
| TS3200-3SI | TS SOHO Prof - 288 users, Serial and HID's iClass Reader   |
| TS3200-3SE | TS SOHO Prof - 288 users, Serial and EM Reader             |
| TS3200-3EM | TS SOHO Prof - 288 users, Ethernet and Mifare Reader       |
| TS3200-3EH | TS SOHO Prof - 288 users, Ethernet and HID Reader          |
| TS3200-3EI | TS SOHO Prof - 288 users, Ethernet and HID's iClass Reader |
| TS3200-3EE | TS SOHO Prof - 288 users, Ethernet and EM Reader           |

## SOFTWARE PRODUCT SERIES

|           |   |
|-----------|---|
| TS3900-SO | TDM Express SOHO (Optional SOHO Desktop FP Scanner TS3700-SO)                 |
| TS3901-SP | TDM Express SOHO Professional (Bundle with SOHO Desktop FP Scanner TS3701-SP) |
| TS3500    | SOHO Professional SDK   |

## SYSTEM REQUIREMENTS

|                 |                               |
|-----------------|-------------------------------|
| Computer        | P3 or Higher with x2 USB PORT |
| Hard Disk Space | Minimum 100Mb                 |
| Drive           | CD-ROM for installation       |
| Display         | SVGA 800x600 min              |
| OS              | WinXP/2000                    |



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