FINGERTEC

**When mankind starts to time,
the value tends to multiply.**

Denver   Chicago   Miami

TA100C
Color Multimedia Fingerprint Time Attendance System

A fingerprint verification terminal is designed to record time and attendance by using biometrics trait, fingerprint. It is to replace the conventional punch card system as well as other card systems for time & attendance function. The fingerprint terminals are capable of recognizing the recorded fingerprint templates in seconds and therefore, have been successful in eliminating buddy-punching activity, one of the major problems in human resource management.

TA100C Series terminals are able to store fingerprint templates from 1,500 for TA102C to 2,800 for TA103C depending on the series chosen. It is also able to record from 100,000 transactions with TA102C and 120,000 transactions with TA103C, at any given time and those transactions can be downloaded and cleared up using the management software TCMS V2. TA100C Series also offers TA103C-R, fingerprint time & attendance system with RFID card function, TA100TC- touch screen system with card function and TA100TC-R, color multimedia system with card function.

Powered by
TCMS V2 software

HARDWARE
Self-Guide DVD
INSIDE

7th **Anniversary**
FINGERTEC
A Milestone For The Next Leap
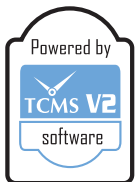
FEATURES & BENEFITS

TIME ATTENDANCE
- Eliminating "buddy-punching" incidents.
- Collecting clocking data systematically.
- Managing data fast and effectively via software.
- Providing ease of use with combination of fingerprints, password and RFID/MIFARE/HID cards.
- Complete with build-in siren feature.

CONNECTIVITY
- TCP/IP, RS232 and RS485 to connect to PC.
- USB port available to ease data transfer.
- Multi-reader managed by powerful TCMS V2.

EXTRA FEATURES
- Workcode is available to allow users to input clocking reasons.
- Short message display on screen to broadcast company information to users.
- Private message short message display intended for particular users.
- Local language greetings and display available.

TA102C / TA103C

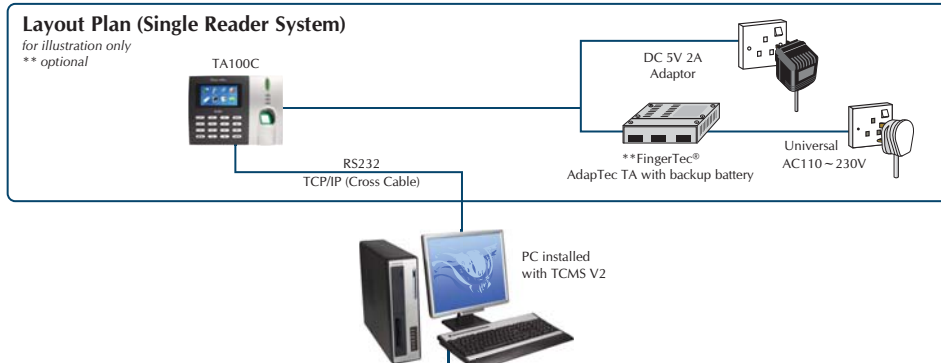**TA102TC / TA103TC**

TA103-CR

TA103-TCR

Layout Plan (Single Reader System)
for illustration only
** optional

TA100C

DC 5V 2A Adaptor

RS232
TCP/IP (Cross Cable)

**FingerTec® AdapTec TA with backup battery

Universal AC110~230V

PC installed with TCMS V2

TCP/IP (Multi Reader System)
for illustration only

Hub / Switch

TCP/IP
Straight Cable

Straight Cable

TA100C

TA100C

DC 5V 2A Adaptor

DC 5V 2A Adaptor
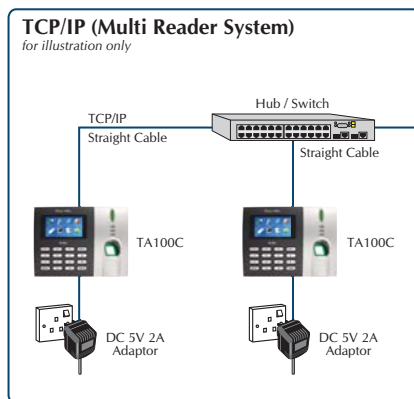
RS485 Environment (Multi Reader System)
* item not included in the package

* RS232/485 Converter

RS232

RS485

TA100TC

TA100TC

DC 5V 2A Adaptor

DC 5V 2A Adaptor

Packaging
Dimension (mm): 300(L) x 90(W) x 225(H)
Weight : 1.4kg
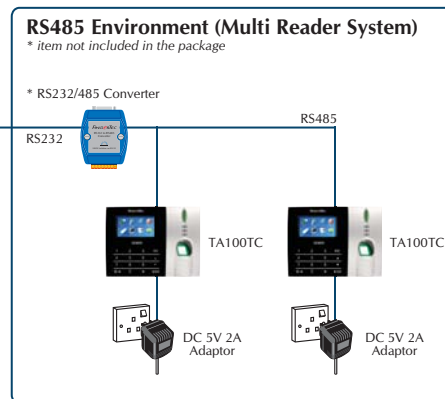
SPECIFICATIONS

MODEL	TA102C/ TA102TC	TA103C/ TA103TC	TA103-CR/ TA103-TCR
SURFACE FINISHING	Acrylonitrile Butadiene Styrene (ABS)		
TYPE OF SCANNER	Optical		
PRODUCT DIMENSION (L X W X H), mm	190 x 52 x 140		
STORAGE			
• Fingerprint templates	1500	2800	2800
• Transaction	100000	120000	120000
ENROLLMENT & VERIFICATION			
• Methods	Fingerprint (1:1, 1:N), Password		Fingerprint (1:1, 1:N), Password & Card
• Recommended fingerprint per user ID	2		
• Fingerprint placement	Any angle		
• Verification time (sec)	< 1		
• FAR (%)	< 0.0001		
• FRR (%)	< 1		
CARD TECHNOLOGY			
• RFID: 64-bit, 125kHz	N/A		Yes
• MIFARE: MFIS50/S70, 13.56MHz	N/A		Made to order
• HID: HID 1325, 26-bit, 125kHz	N/A		Made to order
COMMUNICATIONS			
• Method	TCP/IP, RS232, RS485, USB flash disk		
• Baud rates	9600, 19200, 38400, 57600, 115200		
OPERATING ENVIRONMENT			
• Temperature (°C)	0 ~ 45		
• Humidity (%)	20 ~ 80		
• Power input	DC5V 2A		
TIME ATTENDANCE			
• Siren	Internal and External		
• Work codes	Yes		
MULTIMEDIA			
• Voice	Yes		
VOICE / DISPLAY LANGUAGE (TERMINAL)	English (Standard) / (Upon Request - Arabic / Indonesian / Spanish / Turkish / Thai / Polish / Korea / Romanian / Portuguese / Dutch / Chinese / French / Slovenia/ Russian/ Greek / Hebrew / Persian / Italian / Vietnamese / Czech / Bulgarian)		
SOFTWARE LANGUAGE	English, Arabic, Indonesian, Spanish, Chinese, Thai, Vietnamese, French, Persian, Italian, Russian, Malay, Portuguese, German		

N/A: Not applicable

Authorized Reseller:

FINGⒺRTEC®
www.fingertec.com

CE   FC   RoHS   MADE IN MALAYSIA FOR THE WORLD

052010