



Model: TA103 with RFID



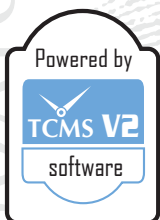
FingerTec® TA103 with RFID Function (FingerTec® TA103-R)

FINGERTEC® introduces a combination of fingerprint verification and proximity card function in one simple yet effective time and attendance system. **FINGERTEC®** TA103-R provides variety and convenience in verification methods for attendance reporting without compromising on the effectiveness of the entire system. The users of RFID card system can opt to change to biometrics system with confidence because **FINGERTEC®** TA103-R reads standard RFID cards, which could reduce implementation costs and training required.

FINGERTEC® TA103-R features fast verification speed and provides alternative reading techniques for users with poor fingerprints. The sleek design of **FINGERTEC®** TA103-R adds sophistication to your space on top of providing comfort and convenience to all users. **FINGERTEC®** TA103-R is the effective solution for today's requirement of time and attendance system.

[FEATURES & BENEFITS]

- ▶ **Multi-Verification Methods:** One-to-One, One-to-Many, Card with fingerprint, Card with Password and Card only
- ▶ **Maintenance of existing RFID card:** The existing RFID cards may be maintained to reduce deployment cost that could be significant in mass labors system. On top, the staff ID may be maintained with additional fingerprint authentication feature
- ▶ **Sizeable storage capacity:** Reader can contain a max of 2,800 fingerprint templates without using the card function and 65535 cards without using the fingerprint function.
- ▶ **Recommended storage capacity:** For combination of fingerprint and card: (1500 fingerprint templates, 65535 cards)
- ▶ **Efficient Recognition System:** Accurate identification of users and fast template verification
- ▶ **Connections Availability:** TCP/IP, RS232 and RS485
- ▶ **Easy & Economical Integration:** The availability of RFID Proximity Card function provides smooth integration from existing card system to fingerprint system
- ▶ **Powerful Time Attendance Software:** TCMS V2, Time Control Management System software is bundled with every reader to provide effective human resource data management.



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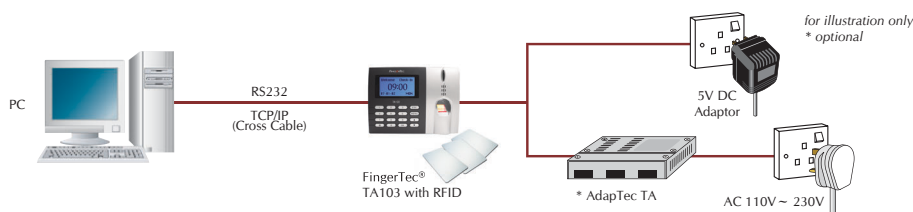


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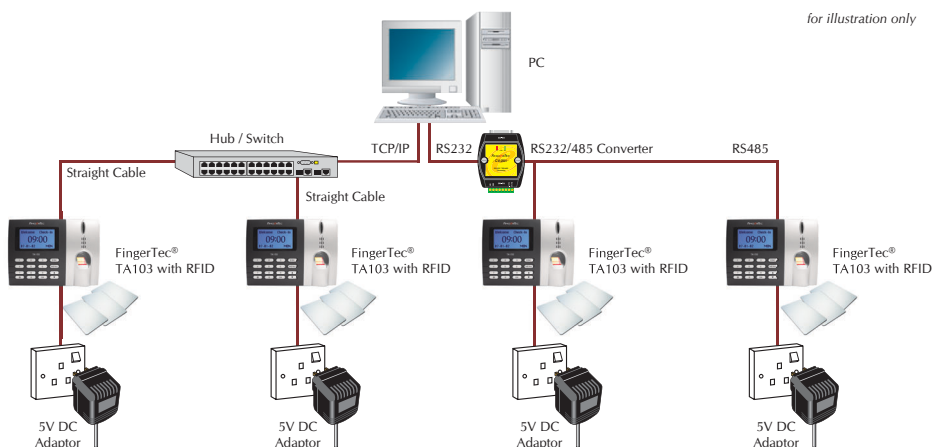


[LAYOUT PLAN]

▶ Layout Plan (Standalone)



▶ TCP / IP or RS485 Environment



[SPECIFICATIONS]

Size (mm)	205(L) x 140 (H) x 50 (w)
Verification method	1:1, 1:N, password, RFID card
Identification time (sec)	< 1
Enrollment	Up to 10 fingerprint pre user or RFID card
Fingerprint placement (°)	360
FAR (%)	< 0.0001
FRR (%)	< 1
Transaction storage	120000
User capacity	2800 fingerprint templates with 65535 cards
Communication method	TCP/IP, RS232, RS485
Baudrate (bps)	9600, 19200, 38400, 57600
Operating temperature (°C)	20 – 80
Operating humidity (%)	20 – 80
Operating Voltage (V)	DC 5V 2A
Siren	10 preset schedules with delay timer
Card Type	EM RFID card, Code: 64 bits, Resonance frequency: 125kHz
Card operating temperature (°C)	-10 ~ 50
Card reading distance (mm)	~ 50
Languages (reader)	English, Chinese Simplified, Chinese Traditional, Indonesian, Thai, Spanish (upon request)
Languages (software)	English, Chinese, Indonesian, Thai, Vietnamese, Spanish, German, Arabic, Russian and Malay

Authorized Reseller:

FINGERTEC
www.fingertec.com

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One finger solves it all