FINGERTEC®

FingerTec®
AC100
with
RFID Function
(FingerTec® AC100-R)

Model: AC100 with RFID

One finger solves it all

FINGERTEC® AC100-R is the latest fingerprint time attendance system equipped with RFID Proximity Card functions. This new FINGERTEC® AC100-R is intended to smooth user integration from proximity card system to fingerprint system while at the same time minimize the cost of system integration with the use of existing cards, particularly in organizations with mass employment. For users who opt to utilize firm but flexible time attendance monitoring and reporting, the use of the multi-verification methods of FINGERTEC® AC100-R is highly recommended. Apart from providing higher storage capacity for user templates and transaction data as compared to the standard reader, the FINGERTEC® AC100-R offers improved verification speed and provides alternative reading techniques for users with poor fingerprints.

The combination of fingerprint and card system in FINGERTEC® AC100-R spells convenience to both system administrator and fingerprint system users. No matter how you choose to get verified, FINGERTEC® AC100-R has the solution for you.

[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, 64035 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.

Powered by
TCMS V2
software

HARDWARE
& TCMS V2
Self-Guide VCD
INSIDE
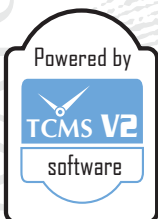
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[LAYOUT PLAN]

▶ Layout Plan (Standalone)

for illustration only
* optional

PC — RS232 TCP/IP (Cross Cable) — FingerTec® AC100 with RFID — * AdapTec TA — 5V DC Adaptor — 230V DC

▶ TCP / IP or RS485 Environment

for illustration only

PC

TCP/IP — Straight Cable — Hub / Switch — Straight Cable — RS232 — RS232/485 Converter — RS485

FingerTec® AC100 with RFID — FingerTec® AC100 with RFID — FingerTec® AC100 with RFID — FingerTec® AC100 with RFID

5V DC Adaptor — 5V DC Adaptor — 5V DC Adaptor — 5V DC Adaptor

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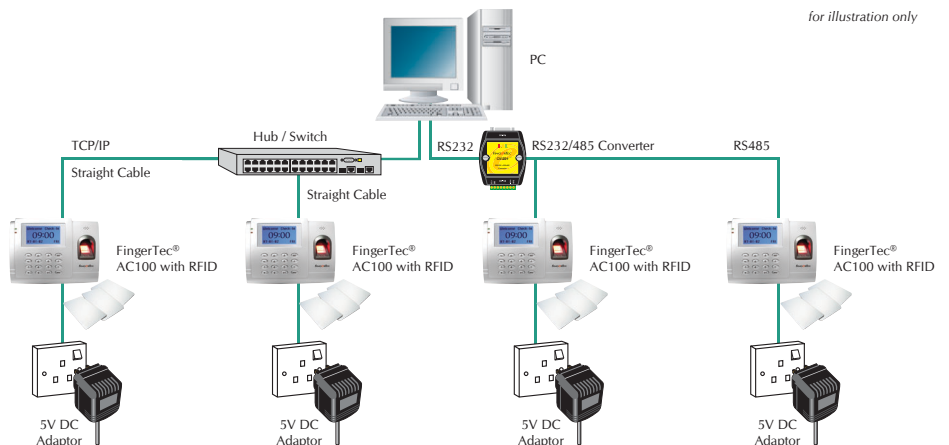
[SPECIFICATIONS]

Size (mm)	192(L) x 141 (H) x 47 (w)
Reader Operating Temp	0 ~ 45ºC
Reader Operating Humidity	20-80%
Identification Time (s)	< 2 seconds (fingerprint), < 2 seconds (card)
FAR, FRR	<0.0001%, <1%
Enrollment	10 fingerprint templates per ID, 10 fingerprint templates per card
User Capacity	Max 2,800 (reader), Max 65535 (card)
Transaction Storage	120,000 buffered transactions
Card Type	EM RFID Card, Code: 64 bits, Resonance frequency of 125kHz
Card Operating Temp	-10 ~ +50ºC
Card Reading Distance (cm)	~5
Power	5V DC Power Adapter
Language (Reader)	English, Chinese Simplified, Chinese Traditional, Indonesian and Thai
Language (Software)	English, Chinese, Indonesian, Thai, Vietnamese, Spanish, German, Arabic, Russian

Authorized Reseller:

FING€RT€C®

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