

Redefine Security

R2 & R2i

Complete Door Access & Time Attendance System



R2

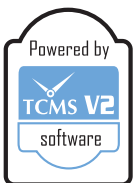
R2i

FingerTec® R2 redefines security by empowering people's biological traits to enhancing security in their daily lives. Biometrics technology proves real identity and by incorporating fingerprint technology and card system, FingerTec® R2 provides its users with absolute comfort and convenience every time.

FingerTec® R2 and R2i are the latest complete fingerprint door access and time attendance systems. FingerTec® R2, embedded with 8M-Flash memory, works as a master reader keeping all information and transactions of users intact in the reader and FingerTec® R2i works as a slave reader to read fingerprint. Data from the master readers are accessible through the powerful FingerTec software, TCMS V2. With combination of FingerTec® R2 and R2i, both entrances and exits are controlled by secured biometrics keys.

FingerTec® R2 offers the most commonly used communication protocols, TCP/IP for data transfer and it is equipped with an additional USB as backup in an event of connection breakdown. The FingerTec® R2 series also work with standard alarm system to give warning during break in, door ajar or unauthorized dismantling of readers.

The powerful TCMS V2 software is bundled with every purchase of FingerTec® R2. It runs on Windows platform for reader and data management, as well as for easy and presentable reporting. FingerTec® R2 readers run on Linux platform, providing flexibility to integrate firmware and performing customized functions. Complimentary Biobridge SDK is also available for integration with third party software.



FEATURES & BENEFITS

TIME ATTENDANCE

- Eliminating "buddy-punching" occurrences
- 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

ACCESS CONTROL

- Curbing unauthorized access
- Eliminating tail gating incident
- Processing a complete In/Out record
- Monitoring staff's movement at any time
- Controlling staff's accessibility via time zone settings
- Providing extra security with combinations of fingerprint, password and cards
- Integrating with door lock system easily (DC12V 3A EM Output)

EXTRA FEATURES

- Workcode is available to allow users to input clocking reasons
- Short message display on screen for corporate communication
- Private message short message display intended for particular users
- Local language greetings and display available

CONNECTIVITY

- 1 wire (USB and RS232) to connect R2 and R2i easily
- TCP/IP, RS232 and RS485 to connect to PC
- USB port available to ease data transfer
- Multi-reader managed by powerful TCMS V2

LAYOUT PLAN

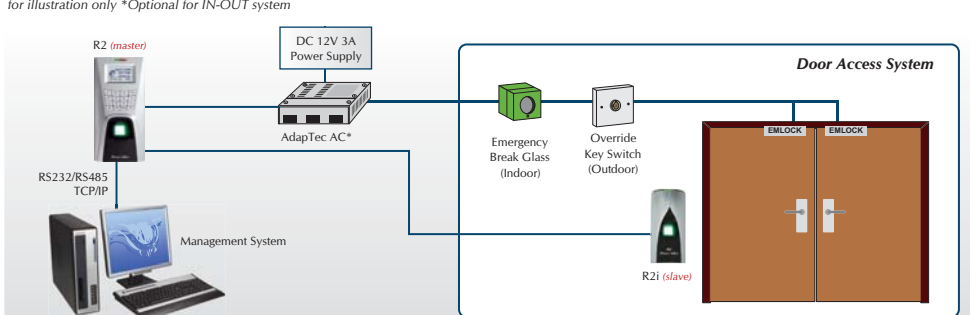
System Communication

for illustration only



Installation Diagram

for illustration only *Optional for IN-OUT system



SPECIFICATIONS

MODEL	R2	R2i
SURFACE FINISHING	Acrylonitrile Butadiene Styrene (ABS)	
TYPE OF SCANNER	Optical (default) or UPEK TCSI (optional)	
PRODUCT DIMENSION (L X W X H), mm	94 x 50 x 189	64 x 42 x 135
STORAGE		
• Fingerprint templates	3000	N/A
• Transaction	120000	N/A
ENROLLMENT & VERIFICATION		
• Methods	Fingerprint (1:1, 1:N), Password & Card	Fingerprint & Card
• Recommended fingerprint per user ID	2	N/A
• Fingerprint placement	Any angle	
• Verification time (sec)	< 1	N/A
• FAR (%)	< 0.0001	N/A
• FRR (%)	< 1	N/A
CARD TECHNOLOGY		
• RFID: 64-bit, 125kHz	Yes (default)	
• MIFARE: MFIS50/S70, 13.56MHz	Made to order	
• HID: HID 1326, 26-bit, 125kHz	Made to order	
COMMUNICATIONS		
• Method	TCP/IP, RS232, RS485, USB flash disk	Communicate directly with master terminal
• Baud rates	9600, 19200, 38400, 57600, 115200	N/A
• Wiegand	26-bit input/output	N/A
OPERATING ENVIRONMENT		
• Temperature (°C)	0 ~ 45	
• Humidity (%)	20 ~ 80	
• Power input	DC 12V 3A	DC 12V 1A
TIME ATTENDANCE		
• Work Codes	Yes	N/A
MULTIMEDIA		
• Voice	Yes	N/A
• Short messaging	Yes	N/A
ACCESS CONTROL		
• EM lock driving output	DC 12V 3A / Relay output	N/A
• Alarm output	NO / NC	N/A
VOICE / DISPLAY LANGUAGE (TERMINAL)	English (Standard) / (Upon Request - Arabic / Indonesian / Spanish / Turkish / Thai / Polish / Korea / Romanian / Portuguese / Dutch / Chinese / French / Slovenian / Russian / Greek / Hebrew / Persian / Italian / Vietnamese / Czech / Bulgarian)	N/A
SOFTWARE LANGUAGE	English, Arabic, Indonesian, Spanish, Chinese, Thai, Vietnamese, French, Persian, Italian, Russian, Malay, Portuguese, German	

*N/A: Not applicable

Authorized Reseller:



Packaging

- **R2**
Dimension (mm) : 300(L) x 90(W) x 225(H)
Weight : 2.6kg (with AdapTec AC)
1.4kg (without AdapTec AC)
- **R2i**
Dimension (mm) : 80(L) x 50(W) x 200(H)
Weight : 200g



FINGERTEC
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