



## Pairing to Secure

### R3 & R2c

#### Door Access & Time Attendance System



R3

R2c

FingerTec R3 is the biometrics door access and time attendance system, loaded with the latest technologies, appealing design and a series of pragmatic features in a dynamic bundle. The R3 comes with 2.4" coloured LCD and an intuitive touch panel; made robust for a durable everyday usage, and adopts multiple methods of verification, which includes fingerprint, card and password to provide users with versatility.

Combining R3 with a slave terminal R2c provides users a more secure biometrics access control system with both in/out entry/exit in a cost-savvy way.

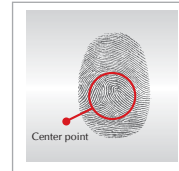
Data from FingerTec R3 is managed by the powerful, Ingress software that is offered on either MySQL or MS Access database platform, providing users with flexibility for door access and/or attendances.

For a secure and comprehensive door access control, FingerTec R3 and R2c biometrics access dynamic duo are definitely a smarter choice.



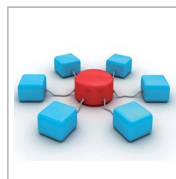
#### Variety of Verification

R3 contains not only fingerprint verification, but also provide other commonly used methods including cards, passwords, and their combinations.



#### Precise Identity Verification

R3 uses minutiae point matching fingerprint technology, an advanced algorithm to match the stored fingerprint template with the live one to guarantee authenticity.



#### Complete Access Solution

Install the slave, R2c with R3 to achieve a more secure full biometrics system for your in/out entry/exit door access system to block all unauthorized entries and exits.



#### Data Management Simplified

FingerTec R3 is equipped with TCP/IP connectivity and when that is not available, a USB flash port can be used to transfer transaction logs into your computer.



#### Manage Remote Data Easily

With Ingress, manage the data of all your remote doors easily, determine the settings of your access control system and get the details of all the access activities from one central location.



#### TimeZone Enable

Secure your premise with time zone features by R3, providing you total control in your access needs. R3 has Time Zone, Group Time Zone and Group Verify features at your disposal.



#### Built In Alarm

R3 allows installation of external alarm to your access system to alert you during emergencies and break-ins. Secure your premise with GroupTimeZone and Group Verify functions.



#### Free Firmware & Software Updates

Functions and features are constantly evolving through technological research and industrial needs, hence, our software and firmware updates for our devices come complimentary.

## WEB LINK



### Product

<http://info.fingertec.com/r3-1>  
<http://info.fingertec.com/r2c-1>



### Quick Start Guide

<http://info.fingertec.com/r3-2>



### Installation Guide

<http://info.fingertec.com/r3-3>



### User Guide

<http://info.fingertec.com/r3-4>



### Video Guide

<http://info.fingertec.com/r3-5>



### Technical Tips

<http://info.fingertec.com/r3-6>



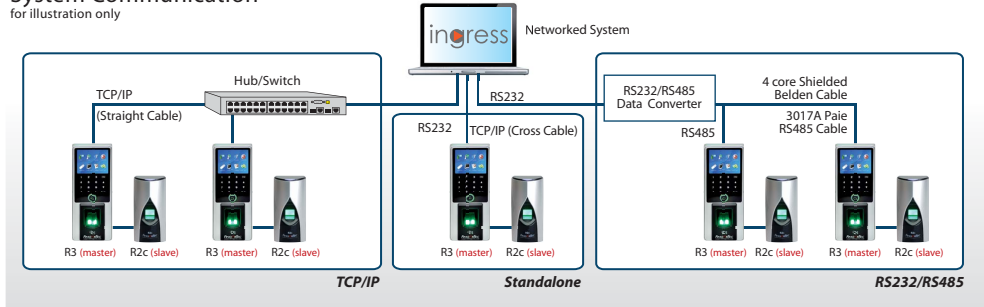
### Ingress Software

<http://info.fingertec.com/ingress>

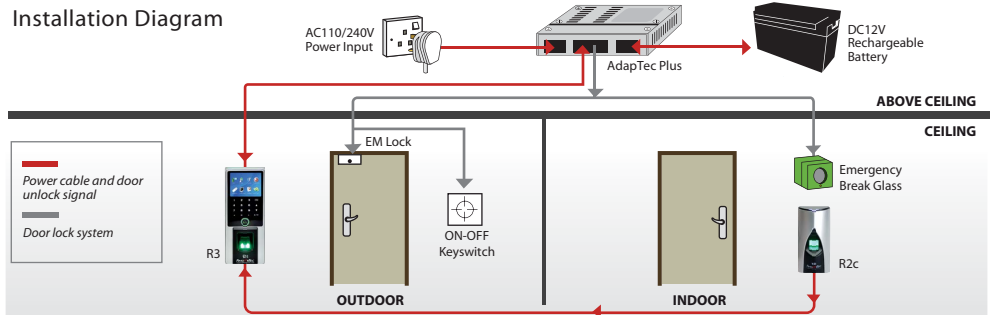
## LAYOUT PLAN

### System Communication

for illustration only



### Installation Diagram



\* R3 and R2c can be installed indoor or outdoor based on your preference. It is recommended to install R3 indoor to avoid vandalism.

## SPECIFICATIONS

MODEL	R3 (Master)	R2c (Slave)
<b>SURFACE FINISHING</b>	In-mould labelling (IML), (PC) & (ABS)	Acrylonitrile butadiene styrene (ABS)
<b>TYPE OF SCANNER</b>	Non coated optical scanner	
<b>MICROPROCESSOR</b>	400 MHz	Managed by master
<b>MEMORY</b>	256 MB flash memory & 32 MB SDRAM	Managed by master
<b>ALGORITHM</b>	BioBridge VX 10.0	Supports BioBridge VX 10.0
<b>PUSH TECHNOLOGY</b>	Yes	N/A
<b>DIMENSION (L x W x H), mm</b>	78 x 32 x 190	64 x 42 x 135
<b>STORAGE</b>		
• Fingerprint templates	3000	Storage in master terminal
• Transactions	100000	
<b>ENROLLMENT &amp; VERIFICATION</b>		
• Methods	Fingerprint (1:1, 1:N), card & password	Fingerprint (1:N) & card
• Recommended fingerprint per user ID	2	Managed by master
• Fingerprint placement	Any angle	
• Verification time (sec)	< 1	Managed by master
• FAR (%)	< 0.0001	
• FRR (%)	< 1	
• FRR (%)	< 1	
<b>CARD TECHNOLOGY</b>		
• RFID: 64-bit, 125kHz	Yes	
• MIFARE: MFIS50/S70, 13.56MHz	Made to order	
• HID: HID 1326, 26-bit, 125kHz	Made to order	N/A
<b>COMMUNICATIONS</b>		
• Method	TCP/IP, RS232, RS485, USB disk	RS485
• Baud rates	9600, 19200, 38400, 57600, 115200	N/A
• Wiegand	26-bit input/output	N/A
<b>OPERATING ENVIRONMENT</b>		
• Temperature (°C)	0 ~ 45	
• Humidity (%)	20 ~ 80	
• Power input	DC 12V 3A	Managed by master
<b>TIME ATTENDANCE</b>		
• Work codes	Yes	N/A
<b>MULTIMEDIA</b>		
• Voice	Yes	N/A
• Short messaging	Yes	N/A
• Photo ID	Yes	N/A
<b>ACCESS CONTROL</b>		
• EM lock driving output	DC 12V 3A / relay output	Managed by master
• Alarm output	NO / NC	
• Anti passback	Yes	
<b>VOICE &amp; DISPLAY LANGUAGE (TERMINAL) (only for R3)</b>	English (Standard), Arabic, Indonesian, Chinese Traditional (Cantonese), Chinese Simplified, Vietnamese, Spanish, Portuguese (Portugal), Turkish, Persian. Other languages are available upon request.	
<b>SOFTWARE LANGUAGE</b>	Arabic, Bulgarian, Chinese (Simplified), Chinese (Traditional), English, German, Hindi, Indonesian, Kurdish, Malay, Portuguese, Russian, Spanish, Thai, Vietnamese	

\*N/A: Not applicable

NOTE: Specifications are subject to change. Check <http://product.fingertec.com> for latest product information.



### Packaging (2 in 1)

Dimension (mm) : 245 (L) x 90 (W) x 225 (H)  
 Weight : 1.15 kg



**FINGERTEC**  
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