

## Secure Biometrics Pairing

### R3 & R3c Door Access & Time Attendance System



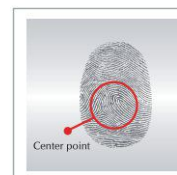
R3 is the latest fingerprint reader from FingerTec for modern door access and time attendance. This model is loaded with the latest technologies, sleek design and a series of pragmatic features in a dynamic bundle to provide consumers with amazing user experience. R3 comes with multiple verification methods such as fingerprint, card and password; 2.4" color LCD, an intuitive touch panel and it is made durable for everyday frequent usage.

For a back-to-back biometrics security measure, simply pair R3 with the new slave fingerprint reader, R3c for a cost savvy and elevated system. R3c can withstand dust, dirt and sand. This sleek looking slave device can be also wall mounted for the cleaner installation. Choosing a secure and comprehensive door access control, FingerTec R3 and R3c biometrics access duo are definitely a smarter choice.



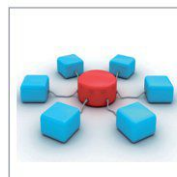
#### Multiple Verification Methods

From fingerprint to card and password verification, R3 provides the possibilities. Optimize your security threshold, with fingerprint verification as your primary enrolment form.



#### Precise Recognition with Biometrics

R3 utilizes minutiae matching technology that ensures only enrolled users are granted access, eradicating buddy punching scenarios.



#### Comprehensive Access Solution

Complement your R3 access control terminal with a R3c slave exit reader for a complete door-in and door-out experience.



#### Data Management Simplified

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



#### Manage Remote Data Easily

With Ingress, you can easily manage the data of all your remote doors, 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 timezone features by R3, providing you total control in your access needs. R3 has TimeZone, 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 Group Time Zone and Group Verify functions.



#### Free Firmware and 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/r3c-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>  
<http://info.fingertec.com/r3c-4>

**Video Guide**  
<http://info.fingertec.com/r3-5>  
<http://info.fingertec.com/r3c-5>

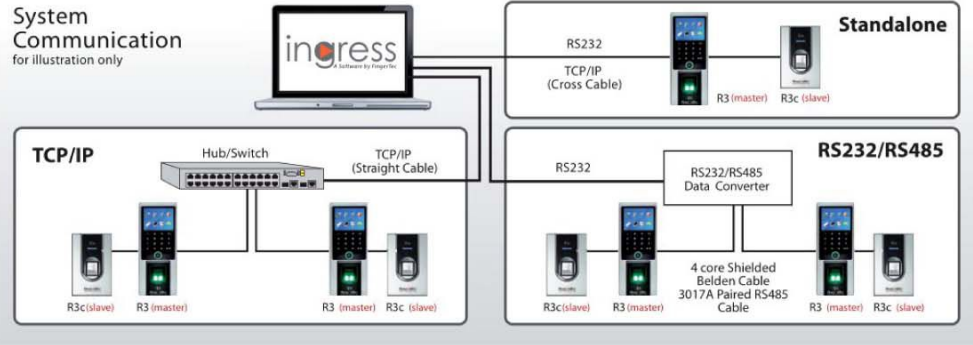
**Technical Tips**  
<http://info.fingertec.com/r3-6>

**Ingress Software**  
<http://info.fingertec.com/ingress>

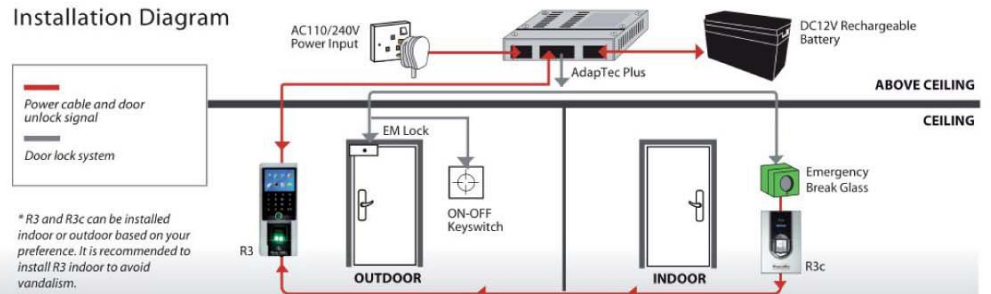
## LAYOUT PLAN

### System Communication

for illustration only



### Installation Diagram



## SPECIFICATIONS

MODEL	R3	R3c (Slave)
<b>SURFACE FINISHING</b>	In-mould labelling (IML), (PC) & (ABS)	Acrylonitrile Butadiene Styrene (ABS), IP65
<b>TYPE OF SCANNER</b>	Non coated optical scanner	
<b>MICROPROCESSOR</b>	400 MHz	1.0 GHz
<b>MEMORY</b>	256 MB flash memory & 32MB SDRAM	Managed by master
<b>ALGORITHM</b>	Biobridge VX 10.0	
<b>PUSH TECHNOLOGY</b>	Yes	N/A
<b>DIMENSION (L X W X H), WEIGHT</b>	78mm x 32mm x 190mm, 0.28kg	80mm x 40mm x 125mm, 0.14kg
<b>STORAGE</b>		
Fingerprint templates	3000	Storage in master terminal
Cards	10000	
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 (%), FRR (%)	< 0.001, < 1	Managed by master
<b>CARD TECHNOLOGY</b>		
RFID: 64-bit, 125kHz	Yes	
MIFARE: MFIS50/S70, 13.56MHz	Made to order	
<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	
<b>TIME ATTENDANCE</b>		
Work codes	Yes	N/A
<b>MULTIMEDIA</b>		
Greeting voice	Yes	N/A
Display	2.4" 3k color LCD	N/A
Photo ID	Yes	N/A
Short messaging	Yes	N/A
<b>ACCESS CONTROL</b>		
EM-Lock Driving Output	DC12V 3A / relay output	Managed by master
Alarm output	NO/NC	
Antipassback	Yes	
<b>VOICE / DISPLAY LANGUAGE (TERMINAL)</b>	English (Standard), Arabic, Chinese (Simplified/Traditional), Indonesian, Portuguese (Portugal), Spanish. <i>Other languages are available upon request.</i>	
<b>SOFTWARE LANGUAGE</b>	English (Standard), Arabic, Bulgarian, Chinese (Simplified/Traditional), French, German, Hindi, Indonesian, Kurdish, Malay, Persian, Portuguese, Russian, Spanish, Thai, Vietnamese	

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 : 1.26 kg



**FINGERTEC**  
[www.fingertec.com](http://www.fingertec.com)

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