FINGERTEC

Secure Biometrics Pairing

R3 & R3c
Door Access & Time Attendance System

Fingerprint | Card | Password | TCP/IP | RS232/RS485 | USB | Fingerprint | Card
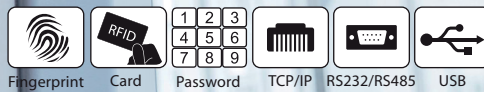
R3 is the latest fingerprint reader from FingerTec for modern door access and time attendance. This model is loaded with the latest technologies, sleek design and a series of pragmatic features in a dynamic bundle to provide consumers with amazing user experience. R3 comes with multiple verification 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 has been certified IP68 hardware to withstand dust, dirt and sand, and is resistant to submersion up to a maximum depth of 1.5m underwater for up to thirty minutes; suitable for outdoor installation. This sleek looking slave deice 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.

Powered by **ingress** software

Product **Self-Guide DVD INSIDE**

**3 YEARS LIMITED WARRANTY** 40 Months for Resellers

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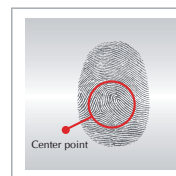
Precise Recognition with Biometrics
R3 utilizes minutiae matching technology that ensures only enrolled users are granted access, eradicating buddy punching scenarios.

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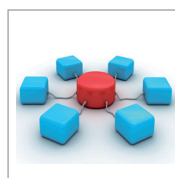
Comprehensive Access Solution
Complement your R3 access control terminal with a R3c slave exit reader for a complete door-in and door-out experience.

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
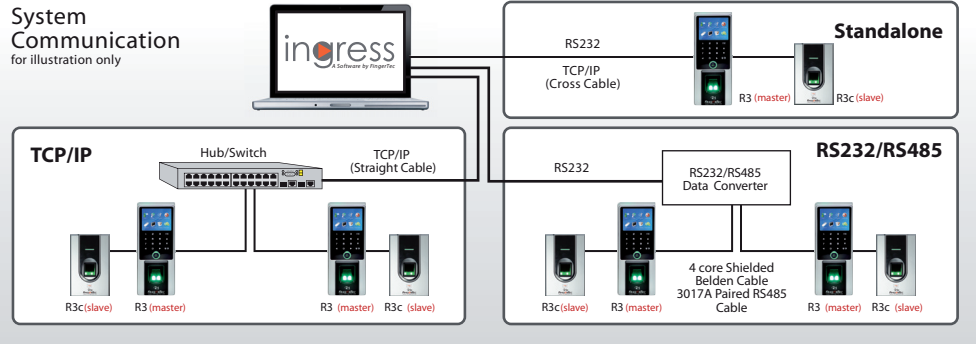R3 allows installation of external alarm to your access system to alert you during emergencies and break-ins. Secure your premise with Group Time Zone and Group Verify functions.
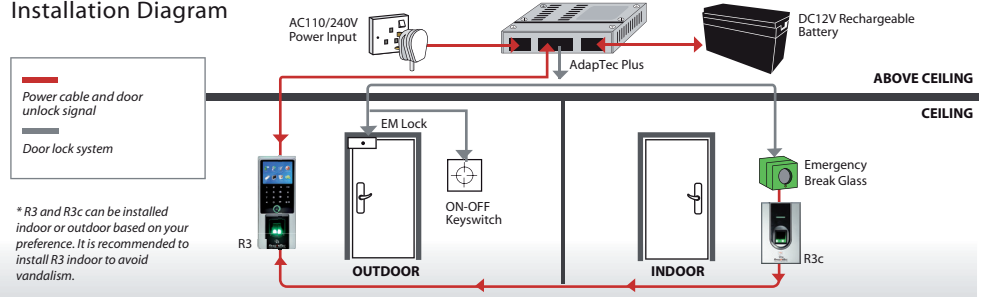
Free Firmware and Software Updates
Functions and features are constantly evolving through technological research and industrial needs. Hence, our software and firmware updates for our devices come complimentary.

FREE DOWNLOAD

System Communication
for illustration only

ingress
A Software by FingerTec

Standalone

RS232
TCP/IP (Cross Cable)

R3 (master)   R3c (slave)

TCP/IP

Hub/Switch   TCP/IP (Straight Cable)

R3c (slave)   R3 (master)   R3 (master)   R3c (slave)

RS232/RS485

RS232   RS232/RS485 Data Converter

4 core Shielded Belden Cable 3017A Paired RS485 Cable

R3c (slave)   R3 (master)   R3 (master)   R3c (slave)

Installation Diagram

AC110/240V Power Input

AdapTec Plus

DC12V Rechargeable Battery

ABOVE CEILING

CEILING

Power cable and door unlock signal

Door lock system

EM Lock

ON-OFF Keyswitch

Emergency Break Glass

R3

OUTDOOR

INDOOR

R3c

* R3 and R3c can be installed indoor or outdoor based on your preference. It is recommended to install R3 indoor to avoid vandalism.
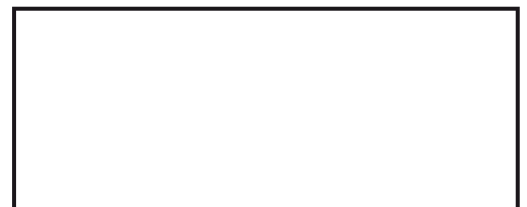
MODEL	R3	R3c (Slave)
SURFACE FINISHING	In-mould labelling (IML), (PC) & (ABS)	Acrylonitrile Butadiene Styrene (ABS), IP65
TYPE OF SCANNER	Non coated optical scanner	
MICROPROCESSOR	400 MHz	1.0 GHz
MEMORY	256 MB flash memory & 32MB SDRAM	Managed by master
ALGORITHM	Biobridge VX 10.0	
PUSH TECHNOLOGY	Yes	N/A
DIMENSION (L X W X H), mm	78 x 32 x 190	77 x 38 x 121
STORAGE		
Fingerprint templates	3000	
Cards	10000	Storage in master terminal
Transactions	100000	
ENROLLMENT & VERIFICATION		
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
CARD TECHNOLOGY		
RFID: 64-bit, 125kHz	Yes	
MIFARE: MFIS50/S70, 13.56MHz	Made to order	
COMMUNICATIONS		
Method	TCP/IP, RS232, RS485, USB disk	RS485
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	
TIME ATTENDANCE		
Work codes	Yes	N/A
MULTIMEDIA		
Greeting voice	Yes	N/A
Display	2.4" 3k color LCD	N/A
Photo ID	Yes	N/A
Short messaging	Yes	N/A
ACCESS CONTROL		
EM-Lock Driving Output	DC12V 3A / relay output	
Alarm output	NO/NC	Managed by master
Antipassback	Yes	
VOICE / DISPLAY LANGUAGE (TERMINAL)	English (Standard), Arabic, Chinese (Simplified/Traditional), Indonesian, Portuguese (Portugal), Spanish. *Other languages are available upon request.*	
SOFTWARE LANGUAGE	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   : 0.00 kg

FINGERTEC
www.fingertec.com

CE FC RoHS MADE IN MALAYSIA FOR THE WORLD

012019