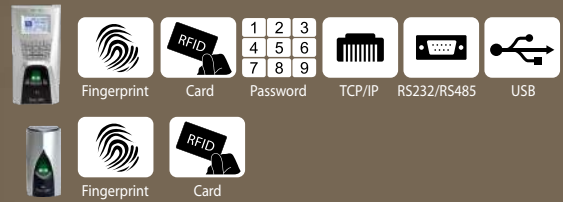


## Redefine Security with FingerTec R2 Series



FingerTec R2 empowers biological traits to enhance security in your daily life, as biometrics technology is a proof of real identity. Dubbed as FingerTec's best-selling terminal for access control, the R2 series is the ideal fingerprint system for those looking for an affordable security control with practicality. With the combination of R2 and R2c, both entrances and exits are controlled by secured biometrics keys, providing users with absolute comfort. FingerTec R2 series also offers the most commonly used communication protocols, and is equipped with an additional USB port for easy data transfer.

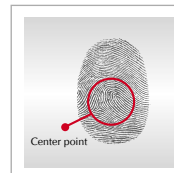
FingerTec R2 Series comes with the powerful software for easy data management and presentable reporting. On top of that, FingerTec R2 terminals run on a Linux platform, providing flexibility to integrate firmware and performing customized functions. Complimentary FingerTec BioBridge SDK is also available upon request for integration with third party software.

FingerTec R2 simply redefines security with its made-easy solution.



### A Variety of Verification Methods

Although it's recommended that you use fingerprint verification for more authentic attendance and access control functions, the terminal also offers options for you to verify using a card or password, or even a combination of the two!



### Precise Recognition

R2 uses minutiae matching technology that ensures only enrolled users are granted access.



### Complete Access Solution

Get the R2c slave exit reader to complement your R2 access control terminal for a full door-in door-out solution!



### Easy Data Management

All you need is a USB flash disk to transfer transaction logs to your computer. It is that easy!



### Manage Your Data Easily

Administration is easy with the Ingress software application. Ingress allows you to remotely manage door activity of all connected terminals, while containing time attendance functions for attendance monitoring.



### Built-In Alarm

Increase the security at your workplace by installing an external alarm, and be alerted during unexpected scenarios such as break-ins and fire emergencies.



### Short Message Display

Alert your staff by personalizing a short message to be displayed at the terminal when they verify.



### Workcodes

Let your staff experience more independence by reporting their whereabouts via our workcodes feature.



## WEB LINK

**Product**  
 • <http://info.fingertec.com/r2-1>  
 • <http://info.fingertec.com/r2c-1>

**Quick Start Guide**  
 • <http://info.fingertec.com/r2-2>

**Installation Guide**  
 • <http://info.fingertec.com/r2-3>

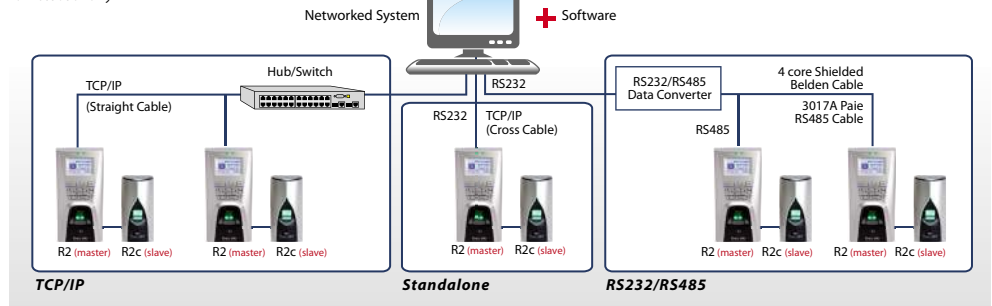
**User Guide**  
 • <http://info.fingertec.com/r2-4>

**Video Guide**  
 • <http://info.fingertec.com/r2-5>

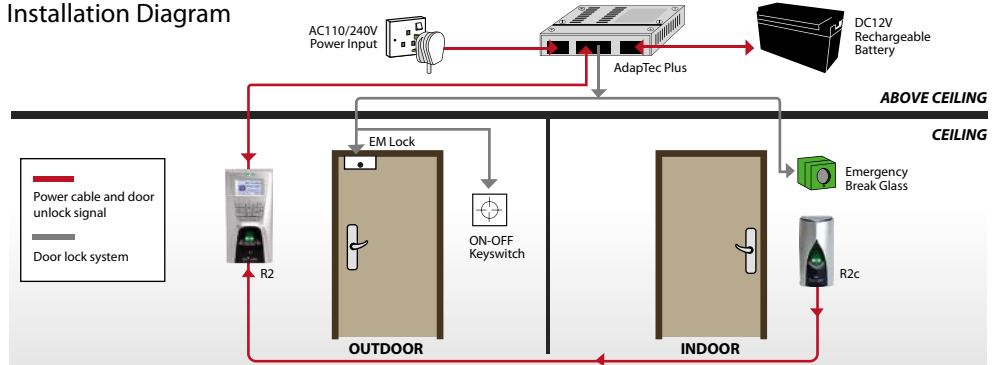
**Technical Tips**  
 • <http://info.fingertec.com/r2-6>

## LAYOUT PLAN

### System Communication



### Installation Diagram



## SPECIFICATIONS

MODEL	R2	R2c (Slave)
<b>SURFACE FINISHING</b>	Acrylonitrile butadiene styrene (ABS)	
<b>TYPE OF SCANNER</b>	Non coated optical scanner	
<b>MICROPROCESSOR</b>	400 MHz	Managed by master
<b>MEMORY</b>	128 MB flash memory & 32 MB SDRAM	
<b>ALGORITHM</b>	BioBridge VX 9.0 / VX 10.0	
<b>PRODUCT DIMENSION (L X W X H), mm</b>	94 x 50 x 189	64 x 42 x 135
<b>STORAGE</b>		
• Fingerprint templates	3000	Storage in master terminal
• Transactions	120000	
<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	
<b>CARD TECHNOLOGY</b>		
• RFID: 64-bit, 125kHz	Yes	
• MIFARE: MIFIS50/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
<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 / DISPLAY LANGUAGE (TERMINAL) (only for R2)</b>	English (Standard), Arabic, Malay, Indonesian, Chinese Traditional / Simplified, Cantonese, Thai, Vietnamese, Spanish, Portuguese Portugal / Brazil, French, Russian, German, Italian, Turkish, Persian, Dutch, Hebrew. Other languages are available upon request.	

\*N/A: Not applicable

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

Authorized Reseller:



### Packaging

- R2**  
 Dimension (mm) : 245 (L) x 90 (W) x 225 (H)  
 Weight : 1.2 kg  
 : 1.85 kg (with AdapTec Plus)
- R2 & R2c**  
 Dimension (mm) : 245 (L) x 90 (W) x 225 (H)  
 Weight : 1.45 kg
- R2c**  
 Dimension (mm) : 173 (L) x 60 (W) x 135 (H)  
 Weight : 0.35 kg



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

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