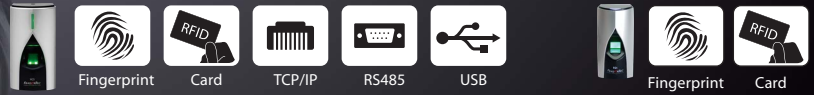


## Security Power-Pack

# H2i & R2c

## Door Access & Time Attendance System



FingerTec's H2i is a biometrics door access and time attendance device that comes in a dynamic size with a promise of absolute deliverance.

To enjoy cost-effective security and time attendance power pack at your office, team up H2i with FingerTec's most affordable slave device, R2c for an all-inclusive security and access control scheme. Instead of installing two H2i devices in all entrances throughout the building, opt to pair H2i and R2c for a greater value for money and at the same time ensure complete biometrics coverage.

All FingerTec devices come with the powerful complementary software, Ingress that has comprehensive elements for door access and time attendance. Data portability is made simple with several communication options i.e. TCP/IP, RS485 Cable, and USB.

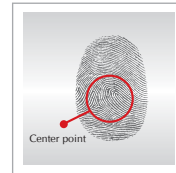
H2i

R2c



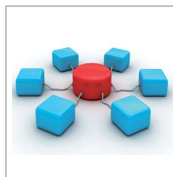
### Variety of Verification

H2i contains not only fingerprint verification, but also provide other commonly used methods including cards, passwords, and their combinations.



### Precise Identity Verification

H2i 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 H2i 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 H2i 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.



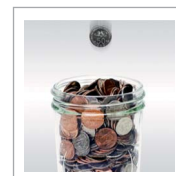
### Supersized Capacity

The only thing small about H2i is its size. With 1,500 fingerprint templates and 10,000 card templates, H2i can be hardly defined as "small".



### Built In Alarm

H2i 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.



### Cost Effective

Combination of H2i masters with R2c slaves cut the cost significantly without compromising on security.



## WEB LINK

**Product**  
 • <http://info.fingertec.com/h2i-1>  
 • <http://info.fingertec.com/r2c-1>

**Quick Start Guide**  
<http://info.fingertec.com/h2i-2>

**Installation Guide**  
<http://info.fingertec.com/h2i-3>

**User Guide**  
<http://info.fingertec.com/h2i-4>

**Video Guide**  
<http://info.fingertec.com/h2i-5>

**Technical Tips**  
<http://info.fingertec.com/h2i-6>

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



### Packaging (2 in 1)

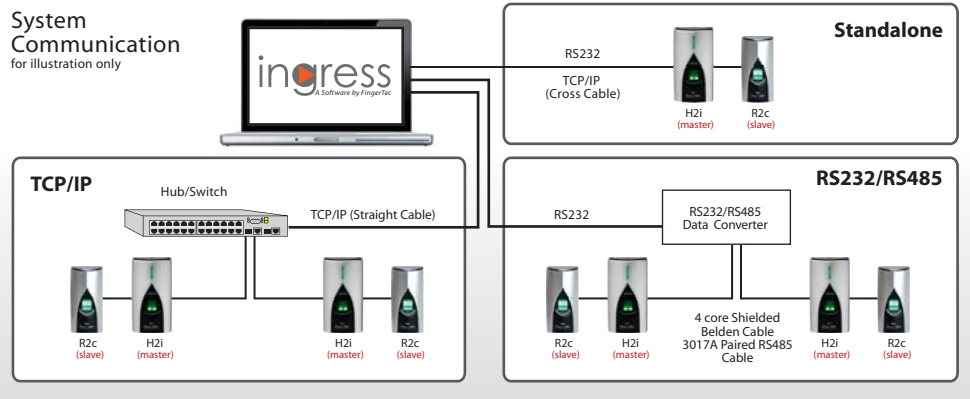
Dimension (mm) : 245 (L) x 90 (W) x 225 (H)  
 Weight : 1.16 kg



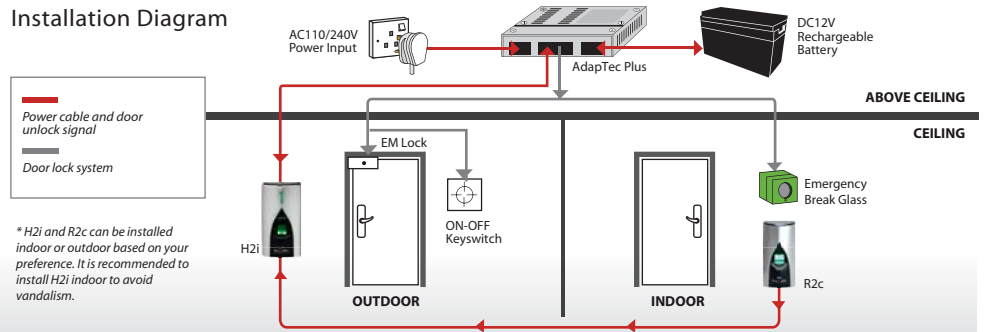
## LAYOUT PLAN

### System Communication

for illustration only



### Installation Diagram



## SPECIFICATIONS

MODEL	H2i (Master)	R2c (Slave)
<b>SURFACE FINISHING</b>	Acrylonitrile butadiene styrene (ABS)	
<b>TYPE OF SCANNER</b>	Non coated optical scanner	
<b>MICROPROCESSOR</b>	300 MHz	Managed by master
<b>MEMORY</b>	256 MB flash memory & 32 MB SDRAM	
<b>ALGORITHM</b>	BioBridge VX 9.0 / VX 10.0	Supports BioBridge VX 10.0
<b>DIMENSION (L x W x H), mm</b>	78 x 50 x 150	64 x 42 x 135
<b>STORAGE</b>		
• Fingerprint templates	1500	Storage in master terminal
• Cards	10000	
• Transactions	100000	
<b>ENROLLMENT &amp; VERIFICATION</b>		
• Methods	Fingerprint & card	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: MFIS50/S70, 13.56MHz	Made to order	
• HID: HID 1326, 26-bit, 125kHz	Made to order	N/A
<b>COMMUNICATIONS</b>		
• Method	TCP/IP, 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>MULTIMEDIA</b>		
• Voice	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 LANGUAGE (TERMINAL)</b> <i>(only for H2i)</i>	English (Standard), Arabic, Indonesian, Traditional (Cantonese), Simplified Chinese, Vietnamese, Spanish, Portuguese (Portugal), Turkish, Persian. <i>Other languages are available upon request.</i>	
<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.

Authorized Reseller:

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

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