



## Stay Alert, Stay Safe! with FingerTec H2b



FingerTec H2b is an innovative biometric fingerprint reader for access control application. It is loaded with an advanced Biobridge fingerprint algorithm for reliability, precision and excellent biometrics matching speed.

Install FingerTec H2b standalone or connect it with a third party panel that supports 26-bit Wiegand format. With H2b, enroll users easily with administrator card for standalone installation and transfer fingerprint templates from other FingerTec devices to H2b through TCP/IP or RS485, if the connection is available.

FingerTec H2b supports Bluetooth communication in mobile App management, for access control, user information registration and device set ups.



### Fast and Accurate Fingerprint Algorithm

One-touch-One-second recognition. Stores an impressive 1500 fingerprint templates, 10000 cards and 100000 transactions



### Complete Access Control Features

H2b has complete access control features interface for 3rd party device integration such as electric magnetic lock, door sensor, exit button, alarm and doorbell



### USB Numeric Keypad for Command Input

Plug the keypad to H2b to enroll and delete users, or reset the terminal to its default settings



### Fuss-Free Installation and Connectivity

H2b comes with Wiegand interface input & output and Network interface of TCP/IP or RS485



### Easy Data Management

All you need is a USB flash disk to transfer transaction logs from H2b to your computer



### Bluetooth Communication

Use Bluetooth to communicate easily with mobile app like i-Neighbour App and TimeTec Security App, for user information registration and setting up of devices



### Built-In Alarm

Be vigilant and install external alarm with H2b, preparation for emergencies like break-ins, fire emergencies and etc.



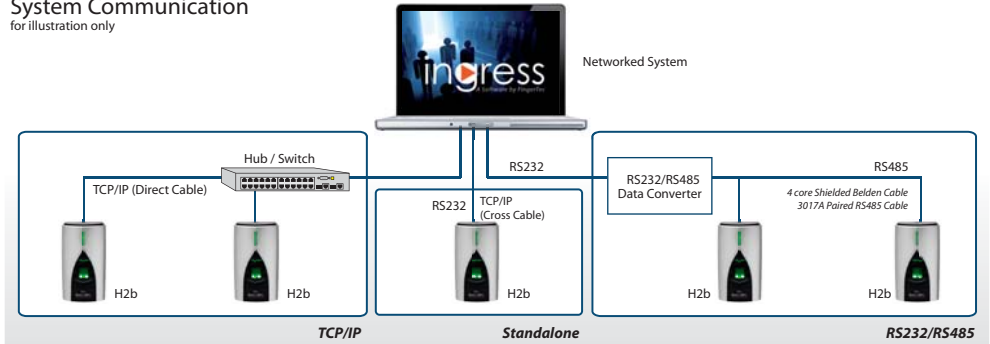
### Simple Enrolment

Flash an admin card in front of FingerTec H2b and enroll away. User deletion is done the same way

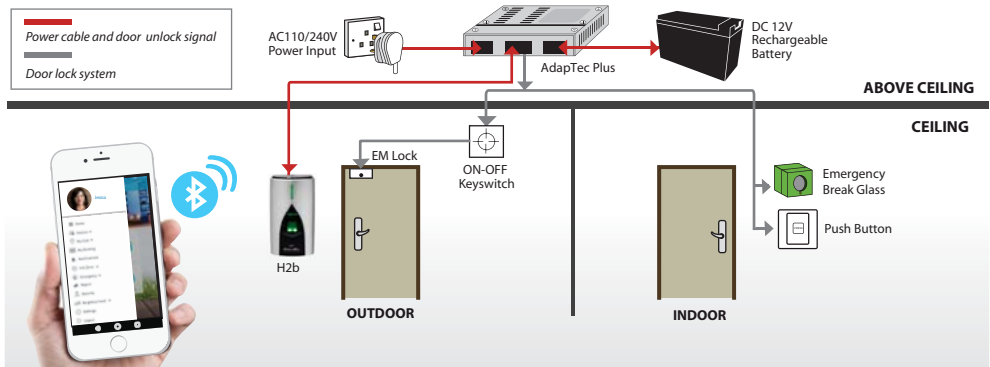
## LAYOUT PLAN

### System Communication

for illustration only



### Installation Diagram



## SPECIFICATIONS

<b>MODEL</b>	H2b
<b>SURFACE FINISHING</b>	Acrylonitrile butadiene styrene (ABS)
<b>TYPE OF SCANNER</b>	Non coated optical scanner
<b>MICROPROCESSOR</b>	300 MHz
<b>MEMORY</b>	256 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>	78 x 50 x 150
<b>STORAGE</b>	
• Fingerprint templates	1500
• Cards	10000
• Transactions	100000
<b>ENROLLMENT &amp; VERIFICATION</b>	
• Methods	Fingerprint & card
• Recommended fingerprint per user ID	2
• Fingerprint placement	Any angle
• Verification time (sec)	< 1
• FAR (%)	< 0.0001
• FRR (%)	< 1
<b>CARD TECHNOLOGY</b>	
• RFID: 64-bit, 125kHz, RF output power (EN300-330)	Yes
• MIFARE: MF1S50/S70, 13.56MHz	Made to order
• HID: HID 1326, 26-bit, 125kHz	Made to order
<b>COMMUNICATIONS</b>	
• Method	TCP/IP, RS485, USB disk
• Baud rates	9600, 19200, 38400, 57600, 115200
• Wiegand	26-bit input / output
• Bluetooth	4.2
<b>OPERATING ENVIRONMENT</b>	
• Temperature (°C)	0 ~ 45
• Humidity (%)	20 ~ 80
• Power input	DC 12V 3A
<b>MULTIMEDIA</b>	
• Voice	Yes
<b>ACCESS CONTROL</b>	
• EM lock driving output	DC 12V 3A / relay output
• Alarm output	NO
• Anti passback	Yes
<b>APP (ANDROID &amp; IOS)</b>	TimeTec Security, i-Neighbour
<b>VOICE LANGUAGE (TERMINAL)</b>	English (Standard), Arabic, Indonesian, Chinese Traditional / Simplified, Vietnamese, Spanish, Portuguese (Portugal), French, Persian. Other languages are available upon request.

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

Authorized Reseller:



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www.fingertec.com

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