FINGERTEC

H3i Small in size, big on functions

Fingerprint | Card | Password
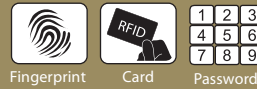
H3i is simply the most compact and independent electronic reader from FingerTec yet! This latest automated access control device is able to function without any additional software, making it the perfect stand-alone solution for small businesses and homes where there is no need for tracking attendance. On top of its stylish design and sleek layout, H3i is a master terminal that supports verification via fingerprints, card IDs, 4-digit passwords, or a combination of any two of the three methods. Installations are also a breeze and can be done almost anywhere because of H3i's convenient dimensions. Compact but still capable of doing almost everything a regular-sized biometrics device can, FingerTec H3i simply proves that size, yet again, does not matter.

Petite but Packs a Punch
H3i may be small and slim, but it still has enough processing power to ensure quick verification times of less than one second and enough memory to store a whopping 30,000 transactions!
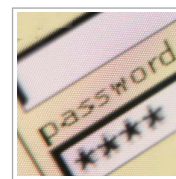
Easy Installation
H3i takes minimal effort to install because of the device's simplicity, and coupled with its compact size, can be easily placed in any location of your choice.

Completely Stand-alone Device
H3i can be used as a stand-alone device for simple access management, making it perfect as a cost-effective and absolutely no-hassle solution for your small business office or home.

Simple Management & Enrollment
The H3i's simple outlook is complimented with a simple management system. Just key in your administrator password to start enrolling or deleting data.

Adaptability for Added Security
H3i is compatible with all 12VDC/relay output electromagnetic locks and can also be connected to an NO alarm to provide added security to your space.
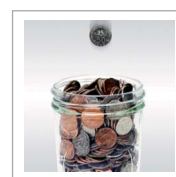
Combine Your Verification Methods
To further secure your space, H3i can accept six different combinations of fingerprint, card (either RFID or MiFARE) or password verification methods according to your preference.

Clear-cut Notification of Events
A buzzer and LEDs are built-in in H3i to provide clear audio and visual notifications during any events that may occur at the device.

Value for Money
Mix and match your FingerTec system with the Kadex family to give you more value for your money. The versatile family of readers will ensure the most cost-effective solution for your situation.

Product
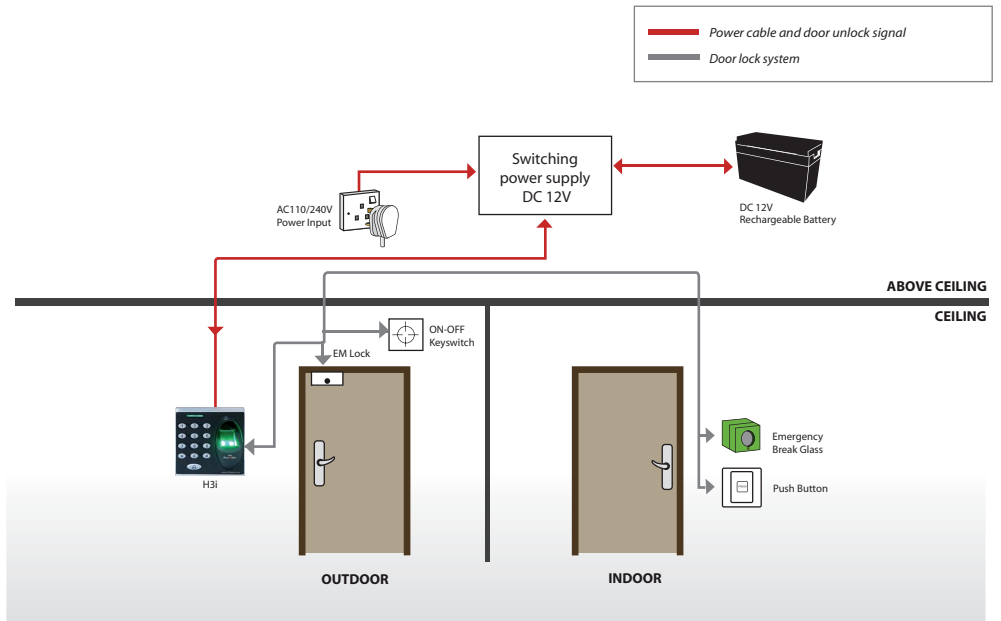- http://info.fingertec.com/h3i-1

Installation Guide
- http://info.fingertec.com/h3i-2

User Guide
- http://info.fingertec.com/h3i-3

Installation Diagram

Legend:
- Power cable and door unlock signal
- Door lock system

Switching power supply DC 12V

AC110/240V Power Input

DC 12V Rechargeable Battery

ABOVE CEILING

CEILING

ON-OFF Keyswitch

EM Lock

H3i

Emergency Break Glass

Push Button

OUTDOOR

INDOOR

SPECIFICATIONS

MODEL	H3i
SURFACE FINISHING	Acrylonitrile butadiene styrene (ABS)
TYPE OF SCANNER	Optical fingerprint scanner
MICROPROCESSOR	400 MHz
MEMORY	32 MB flash memory
ALGORITHM	BioBridge VX 10.0
PRODUCT DIMENSION (L X W X H), mm	88 x 25 x 88
STORAGE	
• Fingerprint templates	200
• Cards	500
• Passwords	8 sets (max length 4-digit per password)
ENROLLMENT & VERIFICATION	
• Methods	Fingerprint (1:1, 1:N), card or password
• Recommended fingerprint per user ID	1
• Fingerprint placement	Any angles
• Password length (digit)	Max 4
• Verification time (sec)	< 1
• FAR (%)	< 0.0001
• FRR (%)	< 1
CARD TECHNOLOGY	
• RFID: 64-bit, 125kHz	Yes
• MIFARE: MFIS50/S70, 13.56MHz	Made to order
OPERATING ENVIRONMENT	
• Temperature (°C)	0 ~ 45
• Humidity (%)	20 ~ 80
• Power input	DC 12V 3A
ACCESS CONTROL	
• EM lock driving output	DC 12V / relay output
• Alarm output	NO only
• Door sensor	Yes (NO/NC)
GROUP VERIFY TYPE	
• Password only	Yes
• Card only	Yes
• Fingerprint only	Yes
• Fingerprint or card or password	Yes
• Card and password	Yes
• Fingerprint and password	Yes

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

Packaging
Dimension (mm) : 173 (L) x 60 (W) x 135 (H)
Weight   : 0.35 kg

Authorized Reseller:

FINGERTEC
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