FINGERTEC

www.fingertec.com

Elevate Security

Welcome
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Check-In
19-01-01 TUE

R2
Door Access & Time Attendance System

Fingerprint | **Card** | **Password** | **TCP/IP** | **RS232/RS485** | **USB**

FingerTec R2 is an access control and time attendance machine, designed to manage door access security at your office premise. This biometrics verification machine flexibly supports variety of identity authentication including fingerprint, card, password and their combinations before granting access to your restricted areas.

Sleek yet user-friendly, R2 does not only provide users with aesthetic value but it also offers them convenience with the hi-tech one-fingerprint-one-second verification speed. Having R2 system in place, it heightens the level of security and automates access activities data collection simultaneously. Each activity at the machines will be instantly recorded for monitoring and audit purpose, providing you with a safer environment and intact accurate records at all times.

FingerTec R2 comes with the powerful complementary software for door access and time attendance, Ingress, and its firmware is using Linux, which offers a more flexible operating system to customize features and it is more responsive in handling daily operations and data flow. Data portability in R2 has been made simple with several communication options available including TCP/IP, RS232, RS485 Cable, and USB.

Variety of Verification
R2 contains not only fingerprint verification, but also provide other commonly used methods including cards, passwords, and their combinations.
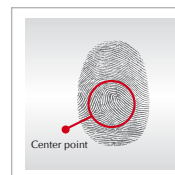
Precise Identity Verification
R2 uses minutiae point matching fingerprint technology, an advanced algorithm to match the stored fingerprint template with the live one to guarantee authenticity.

Center point
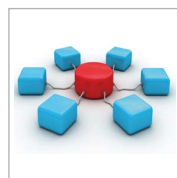
Complete Access Solution
Install the slave, R2c with R2 to achieve a more secure full biometrics system for your in/out entry/exit door access system to block all unauthorized entries and exits.

Data Management Simplified
FingerTec R2 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.

ingress

Short Message Display
Communicate with your employee by personalizing a short message to be displayed at the terminal when they verify. The message can be directed to an individual or to a group of staff.

Henry, please visit the HR Department

Built In Alarm
R2 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.
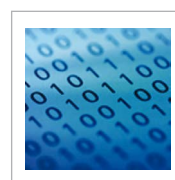
Workcodes
Let your employee experience independence by reporting their whereabouts via R2 workcode function. Select a workcode listed and scan a finger to verify.
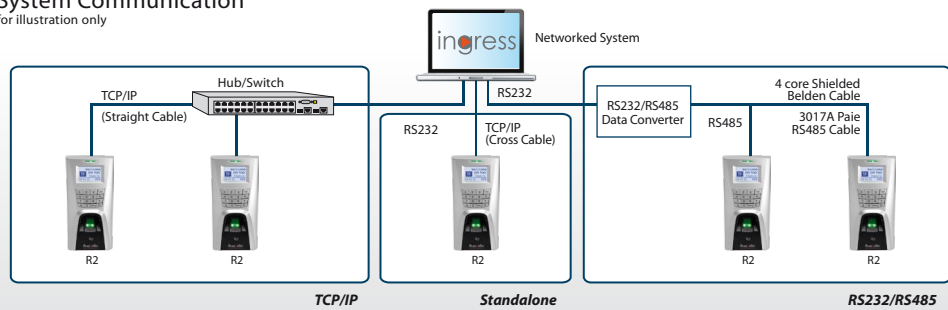
Powered by
ingress
software

2 YEARS
LIMITED WARRANTY
28 Months
for Reseller

WEB LINK

Product
https://product.fingertec.com/userguide.php

- 🖐 *Quick Start Guide*
- ✏ *Installation Guide*
- ❓ *User Guide*
- 🎥 *Video Guide*
- 💡 *Technical Tips*

⬇ **Ingress Software**
https://product.fingertec.com/userguide.php

LAYOUT PLAN

System Communication
for illustration only

TCP/IP　　　**Standalone**　　　**RS232/RS485**

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
Push Button

OUTDOOR　　　**INDOOR**
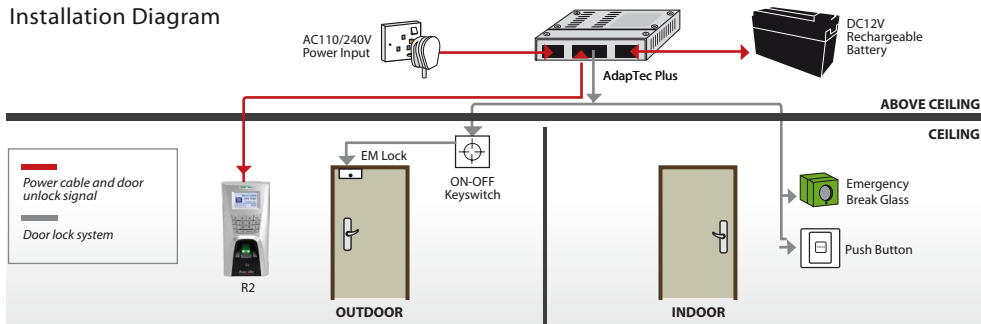
SPECIFICATIONS

MODEL	R2
SURFACE FINISHING	Acrylonitrile butadiene styrene (ABS)
TYPE OF SCANNER	Non coated optical scanner
MICROPROCESSOR	400 MHz
MEMORY	128 MB flash memory & 32 MB SDRAM
ALGORITHM	BioBridge VX 9.0 / VX 10.0
PUSH TECHNOLOGY	Yes
DIMENSION (L X W X H), mm	94 x 50 x 189
STORAGE	
Fingerprint templates	3000
Transactions	120000
ENROLLMENT & VERIFICATION	
Methods	Fingerprint (1:1, 1:N), card & password
Recommended fingerprint per user ID	2
Fingerprint placement	Any angle
Verification time (sec)	< 1
FAR (%)	< 0.0001
FRR (%)	< 1
CARD TECHNOLOGY	
RFID: 64-bit, 125kHz	Yes
MIFARE: MFIS50/S70, 13.56MHz	Made to order
HID: HID 1326, 26-bit, 125kHz	Made to order
COMMUNICATIONS	
Method	TCP/IP, RS232, RS485, USB disk
Baud rates	9600, 19200, 38400, 57600, 115200
Wiegand	26-bit input/output
OPERATING ENVIRONMENT	
Temperature (°C)	0 ~ 45
Humidity (%)	20 ~ 80
Power input	DC 12V 3A
TIME ATTENDANCE	
Siren	Internal
Work codes	Yes
MULTIMEDIA	
Voice	Yes
Short messaging	Yes
ACCESS CONTROL	
EM lock driving output	DC 12V 3A / relay output
Alarm output	NO / NC
Anti passback	Yes
VOICE / DISPLAY LANGUAGE (TERMINAL)	English (Standard), Arabic, Indonesian, Chinese Traditional (Cantonese), Chinese Simplified, Vietnamese, Spanish, Portuguese (Portugal), Turkish, Persian. *Other languages are available upon request.*
SOFTWARE LANGUAGE	Arabic, Bulgarian, Chinese (Simplified), Chinese (Traditional), English, German, Hindi, Indonesian, Kurdish, Malay, Portuguese, Russian, Spanish, Thai, Vietnamese

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

Packaging
Dimension (mm)　: 245 (L) x 90 (W) x 225 (H)
Weight　　　　　: 1.20 kg
　　　　　　　　: 1.84 kg *(with AdapTec Plus)*

timeTec
www.timeteccloud.com

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102021