

Robust R3c for A Total Biometrics Access Control

R3c Slave Terminal



R3c is the latest fingerprint slave device designed by FingerTec to offer the market with a back-to-back biometrics security measure. Pair it with master terminals such as R3 for a cost savvy and elevated access control system. What's more, R3c has been certified IP65 to withstand dust, dirt and sand, and is resistant to submersion up to a maximum depth of 1.5m underwater for up to thirty minutes; suitable for the sought-after outdoor installation. This sleek looking slave device can also be wall mounted for a cleaner installation. Choosing a secure and comprehensive door access control, R3c is definitely a smarter choice for your premises.



Cost Effective

The R3c reduces the cost of having to invest in two master terminals to maintain IN-OUT access using fingerprints without compromising on the security aspects of the system.



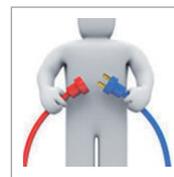
Waterproof

It is IP65 certified to withstand dust, dirt and sand, and resistant to submersion up to a maximum depth of 1.5m underwater for up to thirty minutes; extends the durability of the product.



Verification and Storage in Master or Controller

A simple mechanism applies to R3c where all verifications and data storage is managed by a master terminal or a controller.



Simple RS485 Connection

The R3c is designed with the standard RS485 communication port, to ease connection with the FingerTec fingerprint terminals and controllers.



Flexible Installation Distance

The installation distance between the master terminal and the R3c slave terminal can go as far as 10 meters with a standard 4-core shield Belden cable.



Multiple Verifications

Besides fingerprint verification, the R3c also offers RFID card verification. MiFare card verification feature is also available upon request.



Seamlessly Pairs with FingerTec Terminals

The R3c is specially designed to seamlessly pair with FingerTec fingerprint models, which include R3, R2 (FEM565), AC900, Q2i, and H2i. *Selected models only.



Access Control Management

All EM Lock driving outputs, alarm outputs, and anti-passback via the R3c can be diverted to be managed by a master terminal or Ingressus Controller in an access control system.



WEB LINK

Product
<http://info.fingertec.com/r3c-1>

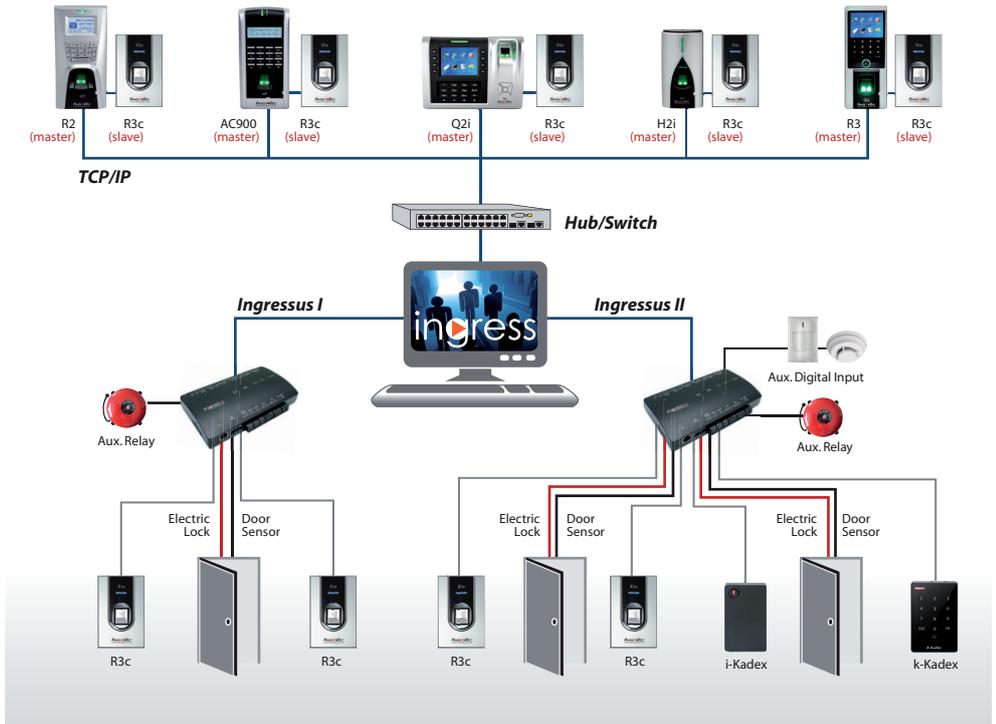
User Guide
<http://info.fingertec.com/r3c-4>

Technical Tips
<http://info.fingertec.com/r3c-5>

LAYOUT PLAN

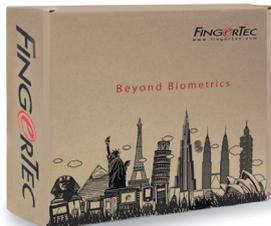
System Communication

for illustration only



SPECIFICATIONS

MODEL	R3c
SURFACE FINISHING	Acrylonitrile butadiene styrene (ABS)
TYPE OF SCANNER	Non coated optical scanner
MICROPROCESSOR	Managed by master
MEMORY	Managed by master
ALGORITHM	Supports BioBridge VX 10.0
PRODUCT DIMENSION (L X W X H)	80mm x 40mm x 125mm (w/o housing)
PRODUCT WEIGHT	0.14 kg
STORAGE	
Fingerprint templates	Storage in master terminal
Transactions	
ENROLLMENT & VERIFICATION	
Methods	Fingerprint (1:N) & card
Recommended fingerprint per user ID	Managed by master
Fingerprint placement	Any angle
Verification time (sec)	Managed by master
FAR (%), FAR (%)	
CARD TECHNOLOGY	
RFID: 64-bit, 125kHz	Yes
MIFARE: MFIS50, 13.56MHz	Made to order
COMMUNICATIONS	
Method	RS485 (Connects to Master Terminal)
OPERATING ENVIRONMENT	
Temperature (°C)	0 ~ 45
Humidity (%)	20 ~ 80
Power input	Managed by master
ACCESS CONTROL	
EM lock driving output	Managed by master
Alarm output	
Anti-passback	



Packaging
 Dimension (mm) : 225 (L) x 72 (W) x 168 (H)
 Weight : 0.45 kg

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



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www.fingertec.com

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