

Slaves are essential in a Smart Access Control system



R2c Slave Terminal



FingerTec R2c is a slave terminal designed to serve FingerTec master terminals such as R2, AC900, Q2i, iKiosk 100 Plus, and H2i for a more cost-effective IN-OUT access control system. The sleek-looking, compact, and space-reserving R2c establishes a connection via the RS485 interface to the master terminal. Besides that, the R2c is also recommended as a fingerprint slave terminal for FingerTec Ingressus Controllers to form a centralized access control system.



Cost Effective

To maintain an IN-OUT access control system using fingerprint access, you no longer need to invest in two master terminals. Replace one with an R2c and reduce your cost significantly.



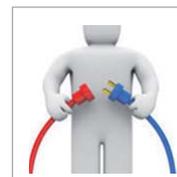
Small Size

With a width and height of 4.2 cm and 13.5 cm respectively, the size of the R2c is ideal for most office environments.



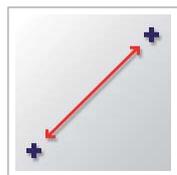
Verification and Storage in Master or Controller

A simple mechanism applied to R2c, all verifications and data storage are managed by a master terminal or controller.



Simple RS485 Connection

The R2c 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 R2c slave terminal can go as far as 10 meters with a standard 4-core shielded Belden cable.



Multiple Verifications

Besides fingerprint verification, the R2c also offers RFID card verification. MiFARE card verification feature is also available upon request.



Seamlessly Pairs with FingerTec Terminals

The R2c is specially designed to seamlessly pair with FingerTec fingerprint terminal models, which include R2, AC900, Q2i, and iKiosk100 Plus*.
**Selected models only*



Access Control Management

All EM Lock driving outputs, alarm outputs, and anti-passback via the R2c can be diverted to be managed by a master terminal or Ingressus Controller in an access control system.





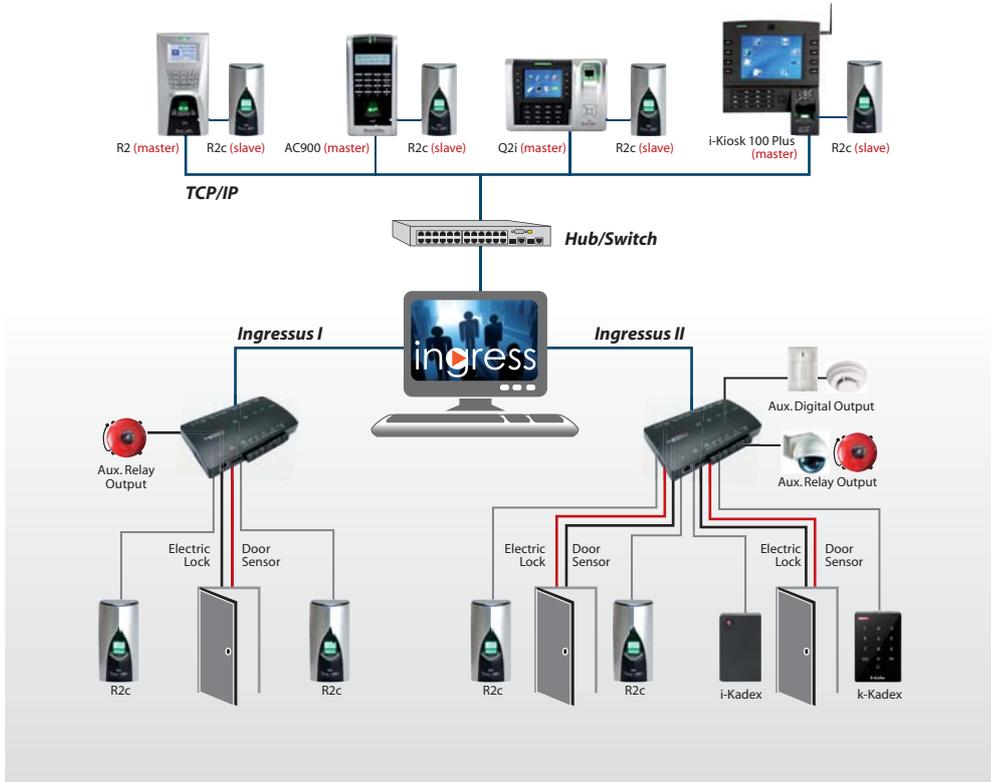
Packaging

Dimension (mm) : 173 (L) x 60 (W) x 135(H)
 Weight : 0.32 kg

LAYOUT PLAN

System Communication

for illustration only



SPECIFICATIONS

MODEL	R2c
SURFACE FINISHING	Acrylonitrile butadiene styrene (ABS)
TYPE OF SCANNER	Optical
MICROPROCESSOR	Managed by master
MEMORY	
ALGORITHM	Supports BioBridge VX 10.0
PRODUCT DIMENSION (L X W X H), mm	64 x 42 x 135
STORAGE	
• Fingerprint templates	Store 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 (%)	
• FRR (%)	
CARD TECHNOLOGY	
• RFID: 64-bit, 125kHz	Yes
• MIFARE: MFIS50/S70, 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	

