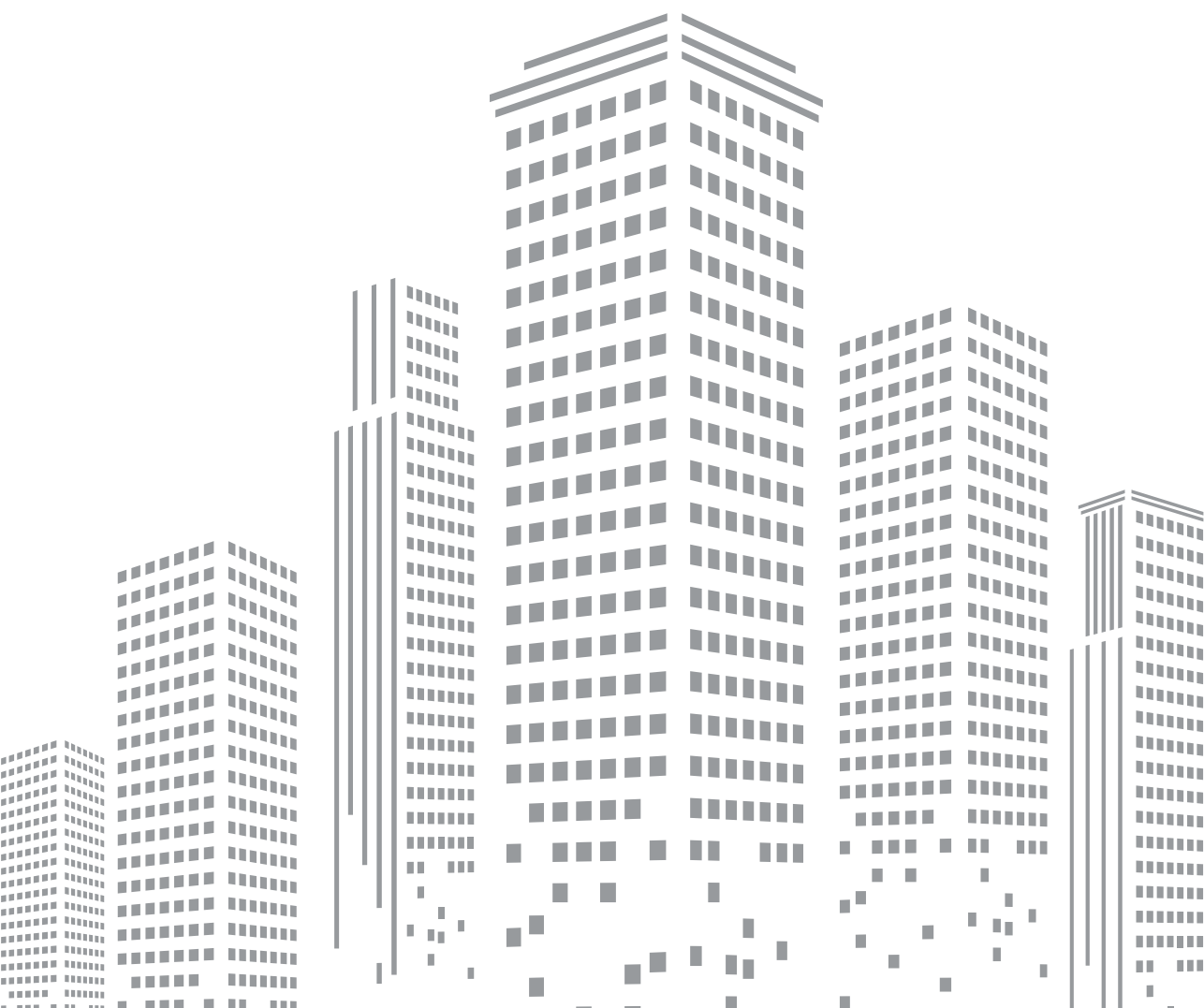# iHORN

PROFESSIONAL SECURITY
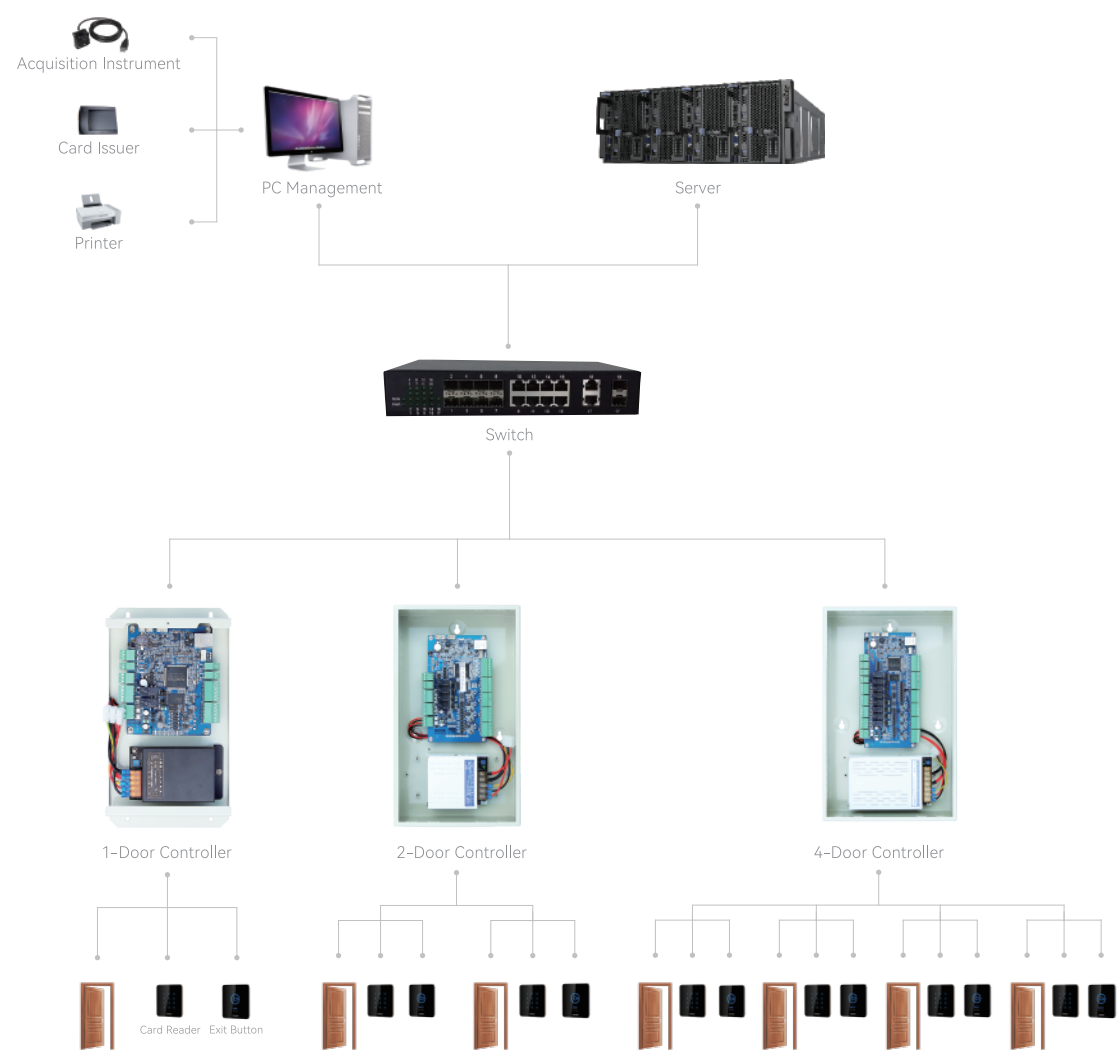# PRODUCT & SYSTEM PROVIDER

Access Control Product Brochure

Access Control System Solutions

The access control system consists of recognition devices (card reader, fingerprint machine, face machine, etc.), door button, control part (electric lock, channel gate, etc.), access controller, network equipment, background management software and system management computer/server.

The access control management computer is placed in the monitoring center, and the access control management software is installed on the manage-ment computer, which is responsible for the maintenance and management of the whole access control system. As the main control device of the access control system, the access controller controls the processing and storing of the data collected by the recognition devices, communicates with the management computer, exchanges data and realizes the control of the access control system.

Acquisition Instrument

Card Issuer

Printer

PC Management

Server

Switch

1-Door Controller

2-Door Controller

4-Door Controller

Card Reader   Exit Button

Access Control Card Reader R-Series

The non-contact card reader is based on independent software and hardware technology development, supporting 13.56M IC card reader, which adopts low power consumption, environmental protection device design and manufacturing.

Features

1. Anti-copy, perfect solution to IC card copying.
2. Environment-adaptive design, endures high temperature of up to 75 ℃.
3. Support ID card, bank financial card, NFC, IC card, etc.
4. Unique chord tone prompt;
5. OEM brand logo on the panel (MOQ 500 pcs).
6. Optional backlight standby indicator (red and blue).

R2000   R2000K   R2100

Model	R2000/R2000K	R2100
Working Voltage	DC12V	DC12V
Working Current	30mA static, less than 50mA max.	30mA static, less than 50mA max.
Communication	WIEGAND26/34	WIEGAND26/34
Supported Protocol	ISO14443A MIFARE sector information read/write function	ISO14443A MIFARE sector information read/write function
Status Alert	Dual-color LED 1 buzzer	Dual-color LED 1 buzzer
Temperature Range	-40C~+80℃	-40C~+80℃
Humidity Range	0~95% (no condensation)	0~95% (no condensation)
Protection	Potting or spraying according to the use of environment.	Potting or spraying according to the use of environment.
Material	Plastic frame + tempered glass panel	Plastic frame + tempered glass panel
Color	Standard panel is black, frame silver gray.	Standard panel is black, frame silver gray.
Dimension	100 x 86 x 8.6mm	120 x 45 x 15mm
Supported Card Type	ID card, bank financial card, NFC, IC card	ID card, bank financial card, NFC, IC card