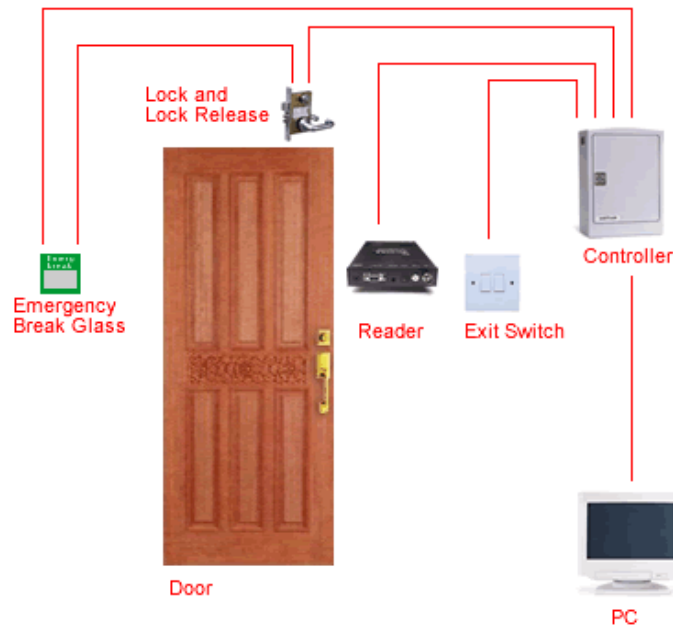


# ACCESS CONTROL SYSTEM

The system contains Proximity card readers, which are quite secured from external interference. The scopes and features of the system are given below:



**Proximity Card Reader:** Stand-alone single door controllers will sense Proximity cards. These readers can sense proximity cards from a distance of 4 inches. Readers are vandal proof and can transmit data efficiently in varieties of format, such as ABA Track-2, Wiegand etc.

**Access Control:** Proximity Controller will be used in the system to process the sensed data. Controller is microprocessor based and can take decision to control access through a door. It can give magnetic door lock or can trigger alarms. Many others input such as fire alarm, burglar alarm etc could be passed into the controller to make decision. All event data can be transmitted to a remote computer. Controller can store user card information in its memory for making access control decision.

**Transmission:** Card data generated from the reader is transmitted through RS-232 or RS-422 protocol. RS-422 protocol can transmit data up to 4000 ft. Beyond this distance repeater is needed for data transmission.

**Processing:** Data transmitted from the reader is gathered into computer system and processed by special Access management software. This software can identify user who has placed card in front of the reader and can configure the controller for access control.

**Archiving:** All event data can be stored into the database and can be exported for archiving.

## PRODUCT VIEW



*in*

**Brand:** ID TECK  
**Model:** IP Finger 007  
**Origin:** Korea

**Fingerprint Template:** 720/2,000 /4,500

**Transaction:** 4,500 ~ 26,000

**Card Sense:** up to 4 inch

**LCD Display:** 2 line 16 characters

**Communication:** RS232, RS422, TCP/IP (External Converter)

**Keypad:** 16 Numeric keypad with backlighting

**Network:** up to 32 units

**Battery Backup:** 3 Hrs

**Brand:** ID TECK

**Model:** (IP 505R)

**Origin:** Korea

**User:** 500 ~ 10,000

**Transaction:** 2500 ~ 7,250

**Card Sense:** up to 4 inch

**LCD Display:** 2 line 16 characters

**Communication:** RS232, RS422, TCP/IP (External Converter)

**Keypad:** 16 Numeric keypad with backlighting

**Network:** able up to 32 units

**Battery Backup:** 3 Hrs





**Brand:** ID TECK  
**Model:** (IP 100R)  
**Origin:** Korea  
**User:** 512  
**Card Sense:** up to 4 inch  
**Communication:** RS232, RS422 (External Converter)  
**Battery Backup:** 3 Hrs  
**Keypad:** 12 Numeric keypad with backlighting



**Brand:** ID TECK  
**Model:** IP10  
**Origin:** Korea  
**Read Range:** 4 inch  
**Led / Buzzer:** 2 colors led (red & green) Piero Buzzer  
**Communication:** RS232, RS422 (External Converter)  
**Battery Backup:** 3 Hrs



**Model:** RAC900E

**Origin:** Taiwan

**Reader:** ISO Standard track: T1, T2, T3

**Scanning Speed:** 3~40 ips

**Input Device:** 2 sensor (Push button, Door Sensor)

**Output Device:** 2 relay (Lock, Alarm)

**Display:** LCD (16 characters, 2 rows)

**Keypad:** 15 keys

**Memory:** 128K

**Communication Interface:** RS-232, RS-422, and RS 485

**Dimensions:** 153mm(L) × 120mm (W) × 60mm(H)

**Weight:** 450gm



**Electromagnetic lock**

**Part no.:** 101-158

**Holding Force:** 300lb

**Dimensions:** 170mm(L) x 41mm(W) x 22mm(D)

**Model:** 510

**Weight:** 1 Kg

**Housing:** ABS

**Switch Color:** Grey

**Power Led:** Red

**Good Read led:** Green

**Battery low Led:** Yellow

**Display:** LCD (20 X 2 characters)

**Program memory:** 128KB

**Data memory:** 128KB to 512KB SRAM

**Input Device:** Slot type reader.

**Communication port:** RS-485, RS-232

