SOCA®

ST-680
Network Proximity Access Control System

Features

- **One set design for contactless main equipment and reader.**
- **Proximity card and Proximity key Tag are the only card number, water-proof, anti-magnetic, no battery required, long life time.**
- **Audio tone indicator, stainless steel keypad (2 x 6).**
- **Three types of cards: thick, thin and key tag.**

ST-680 System Functions Description:

1. Proximity main system can be connected to computer to provide on line information inquiry/setting, door open and close, alarm activation.....operation. It can be used as a single equipment for entry and exit control of people.
2. During the operation of the proximity main system, Historical data (recording entry and exit information) storage can reach 6,000 batches. When it is being connected with computer, then the capacity of recording entry and exit information is unlimited. The information will record in detail for each card what type of movement and at what time.
3. Proximity Main system maximum capacity for valid cards is 9,000 cards. Each card can self set individual password and time zone for entry and exit.
4. The entry and exit control area of proximity main system includes card number, password, time zone, special holidays, status control, anti-passback.
5. When the reader has detected that the system has been damaged and the door has been opened illegally and the door does not close over a time limit, then anti-duress activated.
6. Main proximity system has 49 sets of time zone to provide for user to set up. Each time zone has five time districts. For example one can set up A year, B month C date to F year E month F date that each Monday, Wednesday, Friday and Saturday, from G hour H minutes to I hour J minutes will be the valid entry and exit time zone.
7. Main proximity system has self hardware testing function when the equipment is activated. And can be connected to serial printer directly to print out information.
8. One proximity reader can be added to the sub-reader for control of entry and exit.
9. Three door opening methods : proximity card door opening, proximity card plus secret code opening, and door opening with computer.
10. During electricity shutdown, electricity will be supplied by internal battery and therefore information in the internal memory will not be lost and system timer can be operated normally.

ST-680 Hardware specifications:

- Power supply : DC 12V/1A.
- Operation temperature 0~55 degrees, humidity 15% ~ 85%.
- Display: 16 x 2 STN wide angle LCD display plus 4 LED indicator lights, 2X6 stainless steel durable buttons, anti-acidity and salinity.
- Clock : Built-in real time clock.
- Memory : Built-in 128 KB memory.
- Communication system: Built-in RS-485 interface, before expansion there are 32 sets which can be operated on-line with computer at the same time and can be expanded to 255 sets are maximum.
- Output control system:
  - A: Alarm output connecting point, can add alarm for emitting alarm signal.
  - B: Open door output connecting point, can combine with the use electric lock to control the entry and exit of people.
  - C: Anti-duress connecting point, can add hidden alarm to alert police in order to meet the purpose of calling for help.
- Input detection system:
  - A.: Real time open door detection point, can add one press switch and door can be opened immediately upon pressing the switch.
  - B: Door damage detection point, can add red switch in order to detect whether the door has been closed well.

PRINTER   IBM COMPATIBLE PC MAXIMUM TO 255 SETS   AP-30A/AP-80(USB) RS-232 / 485 CONVERTER   MAXIMUM 32 SETS 1.2KM   MAXIMUM 32 SETS 1.2KM

PUSH BUTTON   DURESS SIREN   ALARM SIREN

ELECTRONIC LOOK   DOOR SENSOR   ALARM SENSOR   ST-680   SERIES PRINTER   PAL-310S UPS   SUB-READER