



ACC301



ACC304

## Extended functions

### Basic functions:

- offline operation
- real time supervision \*
- photo display \*
- mass storage
- remote door unlocking \*
- multi-user supervision
- quick setting
- convenient checking and query \*
- revisable and printable reports \*
- export as excel file \*
- card combined with password
- open door alarm
- alarm for invalid card swiping
- first card unlocking
- alarm for illegal break in
- unlocking at defined times
- e-map \*
- etc.

\* When used with management software

Applications for professional users such as: banks, government institutions, telecom stations, prisons, police stations, jewelers, diamond brokers, etc.

- Interface locking
- intimidation alarm
- integrated fire control
- anti-pass back and anti-tail gating
- interlocking
- multi-card unlocking
- emergency double closing
- presence checking
- unlocking based on internal and external validation.

The access control management software also includes all-in-one-card management system such as:

- normal shift and multi-shifts time attendance management system
- fixed ration dining management system
- meeting attendance management system
- online patrol management system
- security alarm management system.

| Parameter                                   | Single Door Control Panel                                                                                                                                                                                                      | Multi Door (4) Control Panel                                                 |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Model #                                     | ACC301                                                                                                                                                                                                                         | ACC304                                                                       |
| Communication                               | TCP/IP 10M/100M adaptive                                                                                                                                                                                                       | TCP/IP 10M/100M adaptive                                                     |
| Description                                 | Control 1 door, get in and out door by swiping card, or get in by swiping card and get out door by button                                                                                                                      | Control 4 doors, get in the door by swiping card, and get out door by button |
| Size of PCB board                           | 160 x 106mm                                                                                                                                                                                                                    | 218 x 106mm                                                                  |
| Size of Case                                | 273x 228 x 65mm                                                                                                                                                                                                                |                                                                              |
| Power Supply                                | 12Vdc 1.5-3A                                                                                                                                                                                                                   |                                                                              |
| Power Consumption of Circuit Board          | Less than 100mA                                                                                                                                                                                                                |                                                                              |
| Input Format of Reader                      | Wiegand 26 (All card readers with compatible protocol, such as Motorola, HID, EM, Mifare, etc)                                                                                                                                 |                                                                              |
| Quantity of Readers                         | 1 pair                                                                                                                                                                                                                         | 4                                                                            |
| Door Controlled                             | 1                                                                                                                                                                                                                              | 4                                                                            |
| Door opening time extending setting         | 1-600 seconds(adjustable)                                                                                                                                                                                                      |                                                                              |
| Max qty of controllers                      | No limit                                                                                                                                                                                                                       | No limit                                                                     |
| Operation Temperature                       | - 40 C~70 C                                                                                                                                                                                                                    |                                                                              |
| Operation Humidity                          | 10-90 % RH , No Condensation                                                                                                                                                                                                   |                                                                              |
| Qty of users                                | 20,000 Users                                                                                                                                                                                                                   |                                                                              |
| Qty of buffered events (offline)            | 100,000 events                                                                                                                                                                                                                 |                                                                              |
| Power interruption protection measure       | High Speed Memory, Records never lost                                                                                                                                                                                          |                                                                              |
| Max Distance from Reader to Controller      | suggested maximum distance 80m                                                                                                                                                                                                 |                                                                              |
| Max Distance between Controllers            | RS232: communication distance maximum 13m, optimal distance 3m<br>RS485: bus line max length 1200m, suggested length <1000m, if expansion device is added, the distance could be 3000m<br>TCP/IP: Depends on net coverage area |                                                                              |
| Package content                             | PCB board, metal case with lock (2 keys), transformer, power cord, manual, certificate                                                                                                                                         |                                                                              |
| Alarm for door open to long, forced door    | Yes                                                                                                                                                                                                                            |                                                                              |
| Fire and alarm linkage                      | To obtain connection with external alarm systems, an optional expansion board is required (ACC310). If no expansion board is present, only software alarms can be generated, eventually through the PC speaker.                |                                                                              |
| Compulsive open and close door at long time | Yes                                                                                                                                                                                                                            |                                                                              |
| Remotely open door                          | Yes                                                                                                                                                                                                                            |                                                                              |
| Inter-lock                                  | Yes                                                                                                                                                                                                                            |                                                                              |
| Anti pass back and tail gating              | Yes                                                                                                                                                                                                                            |                                                                              |
| Multi-card open door                        | Yes                                                                                                                                                                                                                            |                                                                              |
| Electronic map                              | Yes                                                                                                                                                                                                                            |                                                                              |
| Urgency door closing                        | Yes                                                                                                                                                                                                                            |                                                                              |
| First card open door                        | Yes                                                                                                                                                                                                                            |                                                                              |
| Inner and outer check out open door         | Yes                                                                                                                                                                                                                            |                                                                              |
| Keypad (card+password)                      | Yes                                                                                                                                                                                                                            |                                                                              |