

# LCD Access Controller

## Networking / Stand-alone



AR-829E



| Interface | User Capacity | Frequency     |
|-----------|---------------|---------------|
| RS-485    | 15000         | 125KHz        |
|           |               | 13.56M MIFARE |

Take actual objects as products standards and pictures are just for reference

## Features

- RS-485 communication interface
- Supporting WG port for anti-pass-back function
- TTL serial output for various applications and lift control
- Alternative frequencies: 125KHz/13.56MHz
- User capacity: 15,000 / Event log: 8,000
- 3 access modes: Card only, Card or PIN, Card and PIN
- Built-in Watchdog to prevent system from hanging
- Built-in Real Time Clock & Anti-Tamper functions
- Includes input of door sensor, offering alarm system of both door opening too long and being forced to open
- Built-in Multi-Output:  
Door Lock/Alarm/Arming/Duress/Card Presenting
- 63 time zone sets for access control
- 2 sets of Auto-Open Zone editable by stand-alone operation
- Supports auto alarm
- Work attendance check: Push buttons to select Duty on/off work, Leave/Back and Overtime on/off
- Intelligent to shift for stand-alone or networking mode while system is disconnected
- Auto-lock of the keypad for 30 seconds after continuous failed operation by 3 times
- Menu setting with LCD panel
- Coordinating with softwares for further application on access control, time attendance, payroll, and door/sensor image-monitor function
- Flexible to integrate with other equipment

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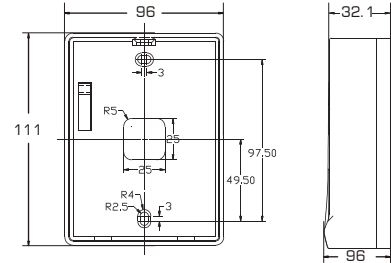


## Specification

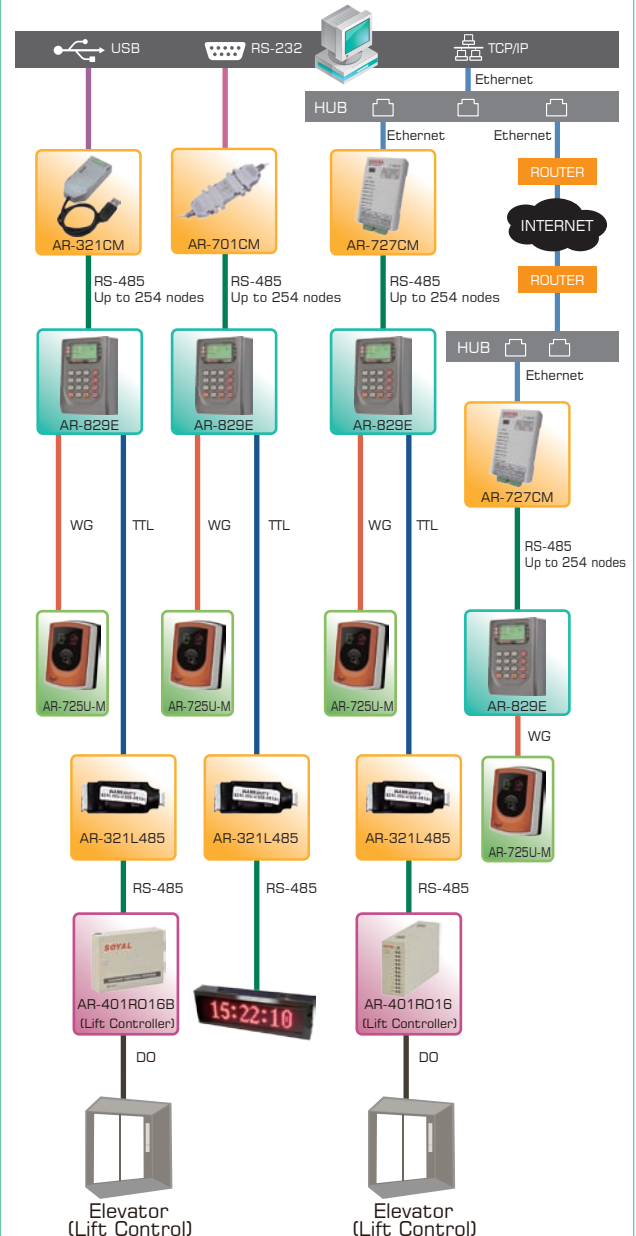
|   |   |   |
|---|---|---|
| Frequency                                 | 125kHz                                      | 13.56MHz                                      |
| Standard                                  | EM Standard                                 | ·ISO14443A<br>·ISO15693<br>·ISO14443A/B+15693 |
| Reading Range<br>(Depending on frequency) | 8-15cm                                      | 3-8cm   |
| Power Supply                              | 10-24VDC                                    |   |
| Power Consumption                         | <5W   |   |
| Communication Interface                   | RS-485                                      |   |
| Baud Rate                                 | 9600 bps(N,8,1)                             |   |
| Operating Temperature                     | -20 °C to +75 °C                            |   |
| Digital Input                             | 1 Door Open Button/1 Door Sensor            |   |
| Relay Output                              | 1 Alarm Relay/1 Door Relay                  |   |
| Door Relay Time                           | Toggle, 0.1-600 Sec.                        |   |
| Alarm Relay Time                          | Toggle, 1-600 Sec.                          |   |
| Tamper Switch                             | Limit Switch (Form C)                       |   |
| User Capacity                             | 15,000                                      |   |
| Event Log                                 | 8,000                                       |   |
| Aux.WG Port                               | WG26/34,ABA-II                              |   |
| Anti-pass-back                            | Yes   |   |
| Lift Control                              | 64 Stops, 15,000 Users                      |   |
| Serial Port                               | TTL(4800bps,N,8,1)                          |   |
| Real Time Clock                           | Yes   |   |
| LCD Panel                                 | 128*64 (4 lines message,16 characters/line) |   |
| Door Bell Button                          | No  |   |
| Transistor Output                         | Arming LED / Duress(SOS)                    |   |
| Weatherproof                              | No  |   |
| Indicator                                 | 6 LED+1 Beeper                              |   |
| Keypad                                    | Rubber                                      |   |
| Housing Material                          | ABS   |   |
| Time Zone                                 | 63  |   |
| Operating Mode                            | Stand-alone/Networking                      |   |
| Color                                     | Gray/Silver                                 |   |
| Dimension(mm)                             | 128(L)X96(W)X35(H)                          |   |
| Weight(g)                                 | 230±10                                      |   |

## Dimension(mm)

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## Structure



## Diagram of Basic application for single door

