SOYAL

AR-716EV2   (RS-485)

AR-716Ei   (10 Base-T)

Multi-door Networking Controller

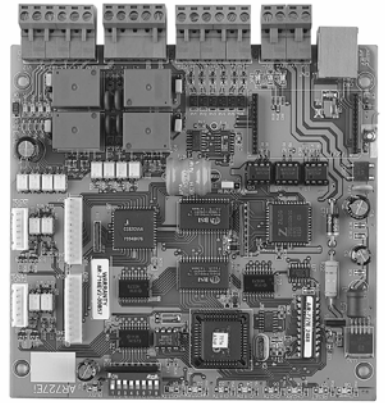**User's Guide**

Version: 7.2

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1. Introduction

- Card capacity is 15,000 Users.

- 11,000-Event history transaction.

- Built-in watchdog to prevent the system from halting.

- Support scheduled door release time zone.

- Support scheduled arming time zone.

- Built-in power and RS-485 transmission LED indicator for signal state.

- It is a 16-doors networking controller and can be linked up to 254 units.

- Support alarm status output when reader off-line.

- Multi-door Anti-pass-back and support auto reset function for violating Anti-pass-back.

- Support opens all doors function in an emergency.

- Two RS–485 Reader ports, each port supports 8 readers.

- Two Wiegand ports for External readers.

- Data retain over 60 days when power failure.

- Everyone can assign different time zone for each door.

- Support 4 sets "Force ON/OFF code" for remote control from RS-485 channel readers.

- Built-in 10 BaseT interface for Ethernet networking. (AR-716Ei)

2. Installation

1. Select a location for the AR-716Ei unit that is secure and sheltered from weather and extreme humidity. Choose a location that facilitates access to power and is reasonably close to the doors that are to be controlled.
2. Using the unit as a template, mark on the mounting surface the location of the two mounting holes.
3. Install appropriate mounting hardware (anchors, retainers, etc.) to the mounting surface if necessary.
4. Screw mounting screws into the top 2 mounting holes of the mounting surface, leaving about 0.4 cm clearance. Place panel top key-way mounting holes over installed mounting screws and slide panel down.
5. Route cables into the enclosure through knockouts in sides, top or bottom of box, being careful not to nick or scrape insulation on any rough edges.

CAUTION SHOULD BE TAKEN NOT TO TOUCH CIRCUIT BOARD OR ELECTRONIC COMPONENTS PRIOR TO AND DURING INSTALLATION TO AVOID ELECTRO-STATIC DISCHARGE (ESD) DAMAGE.