

DESCRIPTION

The ACS-2DR-C starter kit supports two doors and can be expanded to handle up to eight doors. The kit includes an AC-C enclosure and an ACS-2DR starter kit consisting of a master control board, an AC-2DE two-door expander board, and the necessary connecting equipment.

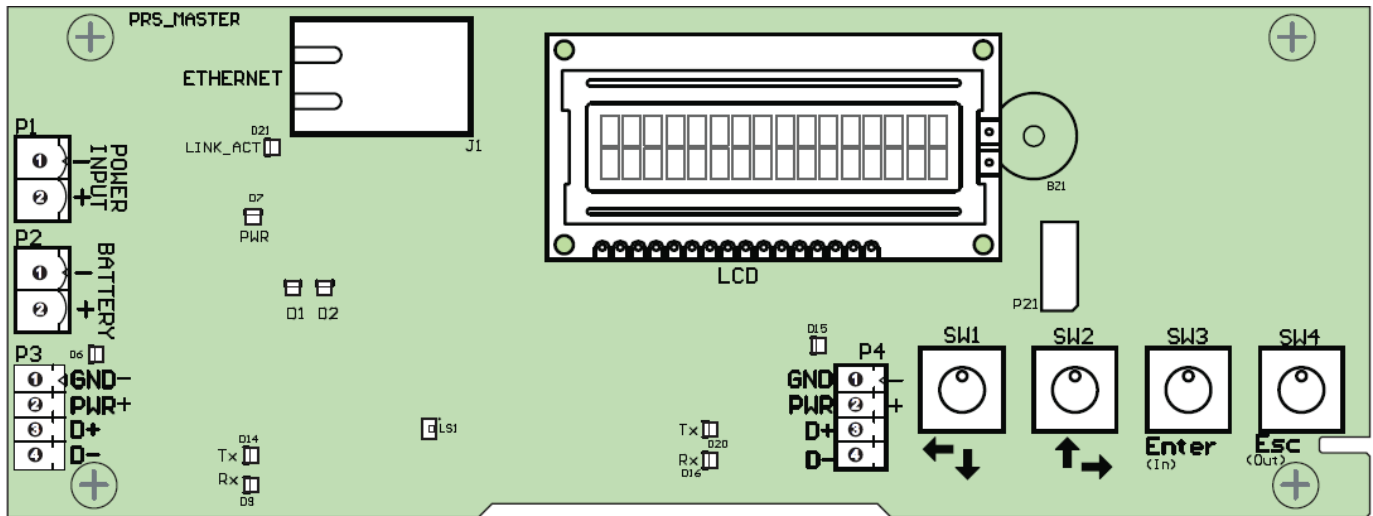
The AC-2DE expander board has two Weigand reader inputs and contacts to control two doors. Up to three additional AC-2DEs can be added to the enclosure to control eight total doors. The AC-2DEs provide each door with two dry contacts and one wet contact for door release, as well as three fully programmable contact inputs.

The AC-C is a steel enclosure that holds the master control board, up to four AC-2DE expander boards, and an AC-PS1250 power supply (not included). Standoffs for board mounting are included. The AC-C is lockable, vented, and includes nine conduit knockouts on the sides and back of the enclosure.

The ACS-2DR-C kit can be used on its own, or as part of a larger AC Series access control system with other panels and modules. The system is managed using AC Nio™ management software. Systems can be subdivided into partitions, depending on the license chosen.

FEATURES

- Two Wiegand reader inputs per AC-2DE
- Integrated lock power for each door (12V DC, 500mA)
- Two solid state dry contact relays per door
- Three dry contact inputs per door
- Built-in diagnostic LCD
- Custom scripting and actions available through AC Nio™
- Can support up to 8 doors with additional AC-2DE
- Short and over-voltage protection
- Dedicated port for battery backup
- TAA and NDAA Compliant

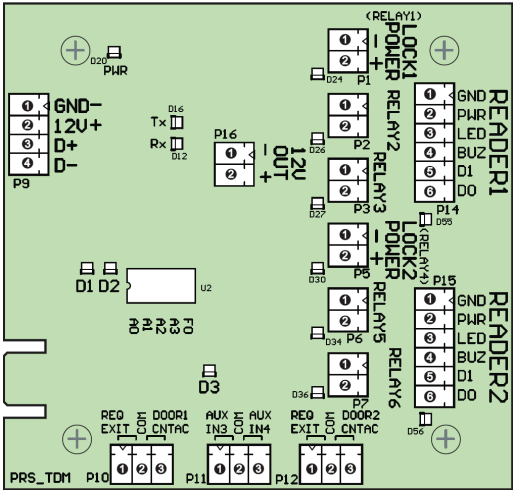


FEATURE CALL-OUT DEFINITIONS

- [P1] DC 12V ~ 14V input
- [P2] DC 12V Backup battery
- [P3] Power and communication for the left strip
- [P4] Power and communication for the right strip
- [P21] Expansion
- [J1] Ethernet
- [LS1] Tamper sensor
- [BZ1] Embedded buzzer
- [LCD] LCD
- [P12] Input5, Common, Input6
- [P14] Reader1
- [P15] Reader2
- [P16] DC 12V out, max 500mA
- [SW1-4] Diagnostic navigation buttons

SPECIFICATIONS

- Power Source:** 12V DC (AC-PS1250)
- NIC:** RJ45 Ethernet Port 10/100Mbps
- Board Communication:** RS-485 (AC-STRIP)
- Protocols:** IPv4, IPv6, TCP, UDP, HTTPS
- Card Storage:** Up to 100,000 users.
- Event Storage:** Up to 50,000 events (first in, first out)
- UL Listing:** UL 294/ULC S319-05



FEATURE CALL-OUT DEFINITIONS

- [P1] Door 1 lock power, 12V DC, 500mA
- [P2,P3] Door 1 dry contact relays
- [P5] Door 2 lock power, 12V DC, 500mA
- [P6,P7] Door 2 dry contact relays
- [P9] Power, communication data
- [P10-P12] Inputs
- [P14] Reader 1
- [P15] Reader 2
- [P16] 12V DC, 500mA

SPECIFICATIONS

- Power Source:** 12V DC (drawn from main board)
- Lock Power:** 12V DC 500mA
- Option Power:** 12V DC 500mA
- Contact Rating:** 30V DC 1A
- Dimensions:** 3-1/2" H x 3-3/4" W

SPECIFICATIONS

- Material:** Steel
- UL Listing:** UL 294/ULC S319-05
- Dimensions:** 19-3/8" H x 13-5/8" W x 3" D
- Enclosure Knockouts** 1-1/8" and 2" diameter