

ACU-100

Single Door Slave Control Panel



Features



- Provide 2 relay outputs for electronic lock and alarm.
- ACU-100 slave control panel works with GCU \ RAC-2200 \ RAC-2400.
- Control panel and reader separate design, maximum connects 2 ABA Track 2 / Wiegand readers. Able set two-way readers or reader in and exit button out.
- RTC (Real Time Clock) and Watchdog function ensures accurate date/time and system free from halting.
- Support connects extra PSU-330 Uninterrupted power supply, ensure the operation during power outage.
- Provide RS-485 comm. interface, ensure electronic lock and alarm controlled by main controller.
- Provide optical coupled isolated sensors for door sensor, exit button and reader tamper.
- Auto-Learning function. 500 valid cards capacity under standalone operation mode.
- ESD / Surge protection design to protect devices & enhance communication quality.
- Control panel holder & block terminal ensure easy installation & easy maintenance.

Ordering Information

Package Content:

- ACU-100 x 1
- Quick Start Guide x 1
- Cable x 2

Optional Accessories:

- PSU-330 Uninterrupted Power Supply
- T2/W26 Proximity Reader

Specifications

Processor	8 Bit
Memory	8K
Input Ports	4 Sensors (Door Sensor x 1 \ Exit Button x 1 \ Case Sensor x 2)
Output Ports	2 Relay (Door Lock x 1 \ Alarm x 1)
Cardholders/Events	500 (Cardholders) (max.)
LED Indicator	Power / Output Status / Comm.
ID Setting	DIP switch setting
Reader Port	ABA-Track2 / Wiegand26
Power Input	DC 12V / 1A
Current Consumption	300mA (excluding slave reader)
Comm. Interface	RS-485
Comm. Baudrate	19,200 bps-N-8-1
Operating Temp.	-10°C ~ 55°C / 14°F ~ 131°F
Relative Humidity	20% ~ 80% (Non-condensing)
Dimension	150mm(L) x 100mm(W) x 30mm(H)
Weight (Device)	202g

System Architecture

