ACS Series Products

Access Control Reader with proximity card and keypad

RoHS CE FC

ACS-11P-MF

Dimensions

Left Side View   Front View   Right Side View   Rear View

Top View   Bottom View   Unit: mm
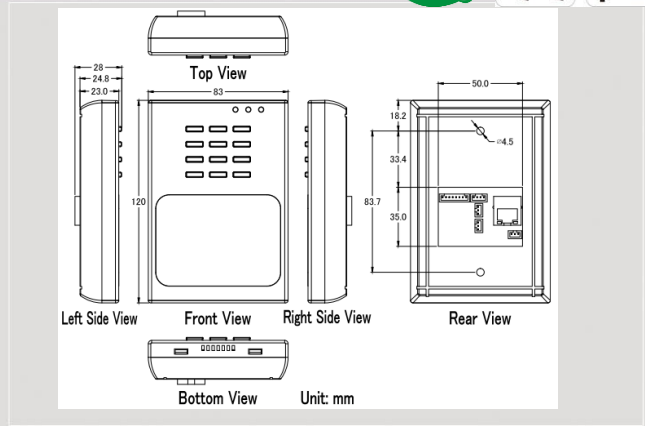
Access Control systems are one of the most important infrastructures for a safe, secure society. ACS-11P-MF is an access control reader that supports keypad and RFID induction of access control. It integrates three functions of door access control, voice guidance and floor control all in one, suitable for use in community door access and elevator control. ACS-11P-MF supports Ethernet and RS-485 communication interface and provides anti-sabotage sensor and door position detection function which can consolidate the security of access control systems and effectively enhance the service quality of management.

Features

- Supports Keypad and RFID induction control.
- Supports Card Type: Mifare Classic, Ultralight, DESFire.
- Built-in Voice Message Function.
- Supports Ethernet/RS-485 Interface.
- Built-in RTC and WDT.
- Electric Door Lock Control and Door Position Detection.
- Provides Access Records.
- Max Card Capacity：8192 Cards.
- Supports Elevator Floor Control (Max. 16 F).

Software Tool

ACS Config Utility provides quick and convenient communication with the access control reader. Customers can be easily downloaded access cards list, corresponding rights and read access records from/to the access control reader.

- Provides access card number and password add, modify, delete function
- Provides access record inquiry function

Wire Connection

· Default IP 192.168.0.1
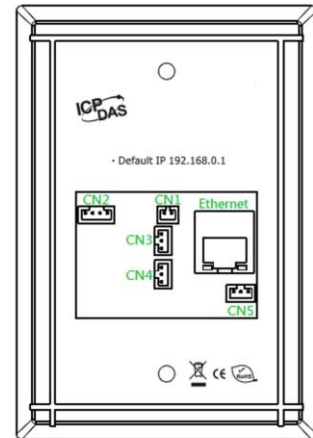
Connector Type	Pin Assignment			Description
CN1	D+		D-	RS-485(D+/D-) Baud Rate (bps): 9600 Parity: NONE Data Bits: 8 Stop Bits: 1
CN2	DI0	G	DI1 G	DI0(Door position detection) DI1(Electric lock trigger) (Digital Input, Dry Contact)
CN3	NC COM NO			Electronic lock control (Relay Output)
CN4	NC COM NO			Door position alarm output (Relay Output)
CN5	COM	NO	NC	Anti-sabotage detection (Relay Output)

Hardware Specifications

UART	
COM	RS-485(D+, D-)
Baud rate(bps)	9600
Format	N, 8, 1
Ethernet	
Controller	10/100Base-TX Ethernet Controller (Auto-negotiating, Auto MDIX)
Connector	RJ-45 with LED indicator
PoE	Yes
Digital Input	
Channels	2
Input type	Dry Contact (Source), Wet Contact (Sink, Source)
Relay Output	
Channels	2
Output Type	Form C
Contact Rating	0.5A 120VAC / 2A 30VDC
RFID	
Supported Card	Mifare Classic, Ultralight, DESFire
Standard	ISO 14443 A
Power	
Powered from PoE	IEEE 802.3af, Class1
Power consumption	1.7W
Mechanical	
Installation	Wall Mounting (Suitable for the outlet box in United States)
Dimensions	83mm x 120mm x 28mm (W x L x H)
Environment	
Operating Temperature	-20℃ ~ +60℃
Storage Temperature	-30℃ ~ +80℃
Humidity	10% ~ 90%, non-condensing

System Architecture
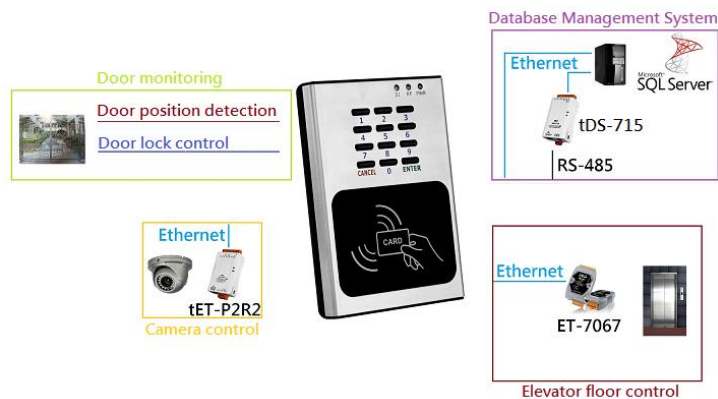
Ordering Information

ACS-11P-MF CR	Proximity Card Reader with Keypad for Access Control System (RS-485, Ethernet PoE) (English version of voice) (RoHS)
ACS-11P-MF-TC CR	Proximity Card Reader with Keypad for Access Control System (RS-485, Ethernet PoE) (Chinese version of voice) (RoHS)

Accessories

ET-7067 CR	Ethernet I/O Module with 8 Relay; for elevator floor control (RoHS)
tET-P2R2 CR	Tiny Ethernet module with 2 DI and 2 Form-A relay; for camera control (RoHS)
tDS-715 CR	Tiny Device Server with PoE and 1 RS-422/485 Port (RoHS)