Features

- Supports Card Type: Mi fare Classic, Ultralight, DESFire
- Built-in Voice message function
- Supports Ethernet / RS-485 interface
- Built-in RTC and WDT
- Supports electric door lock control and door position detection
- Provides access records
- Max card capacity : 8192 cards
- Supports elevator floor control (max.16 F)

ACS-10VP-MF/ACS-10VP-MF-TC
Access Control Reader with proximity card
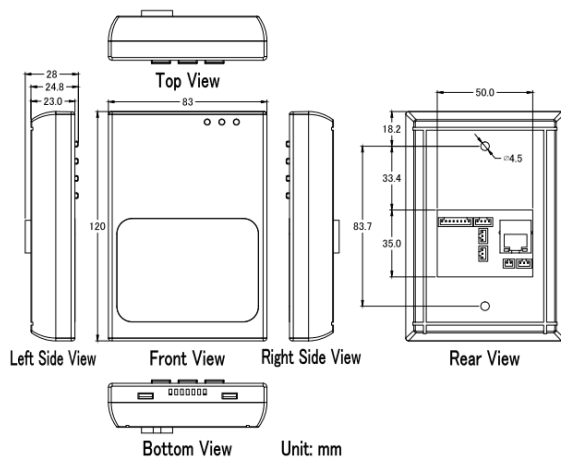
Introduction

Access Control systems are one of the most important infrastructures for a safe, secure society. ACS-10V-MF is an access control reader that supports 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-10V-MF supports Ethernet and RS-485 communication interfaces 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.
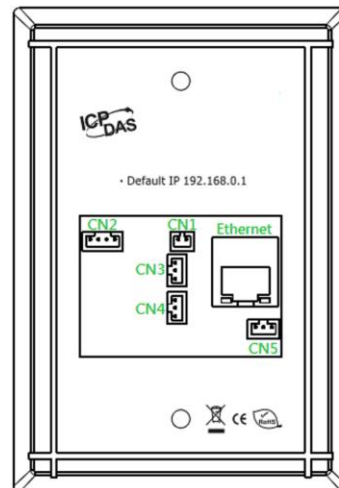
Software Tool

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.**
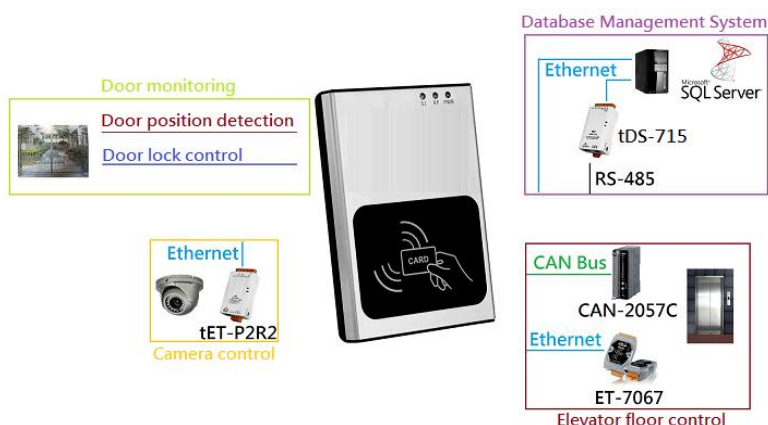- **Provides access record inquiry function.**

Dimensions (Units: mm)

Top View
Left Side View
Front View
Right Side View
Rear View
Bottom View
Unit: mm

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				Electronic lock control (Relay Output)
		COM				
		NO				
CN4		NC				Door position alarm output (Relay Output)
		COM				
		NO				
CN5		COM	NO	NC		Anti-sabotage detection (Relay Output)

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
Voice		
Voice type	English	Chinese
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°C ~ +60°C
Storage Temperature	-30°C ~ +80°C
Humidity	10% ~ 90%, non-condensing

Application

Ordering Information

ACS-10VP-MF CR	Proximity Card Reader for Access Control System (RS-485, Ethernet PoE) (English version of voice) (RoHS)
ACS-10VP-MF-TC CR	Proximity Card Reader 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)