

Packing List

In addition to this guide, the package includes the following items:



ACS-10VP-MF



CA-012x2



CA-013x1



CA-019x1



CA-020x1

Cables

Resources

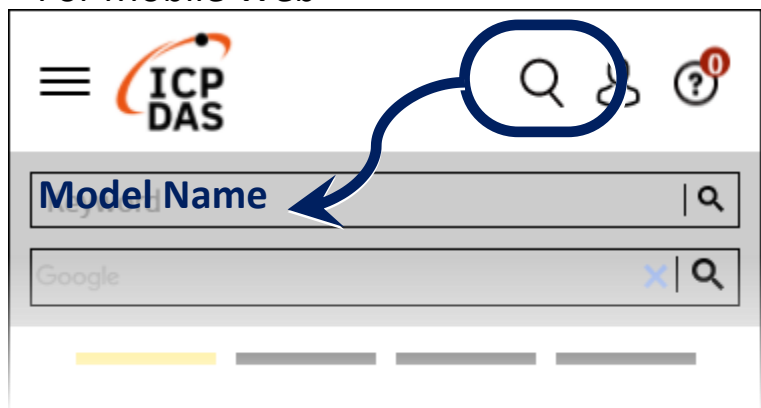
How to search for drivers, manuals and spec information on ICP DAS website.

Technical Support

service@icpdas.com

www.icpdas.com

- For Mobile Web



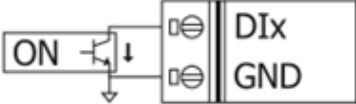
- For Desktop Web

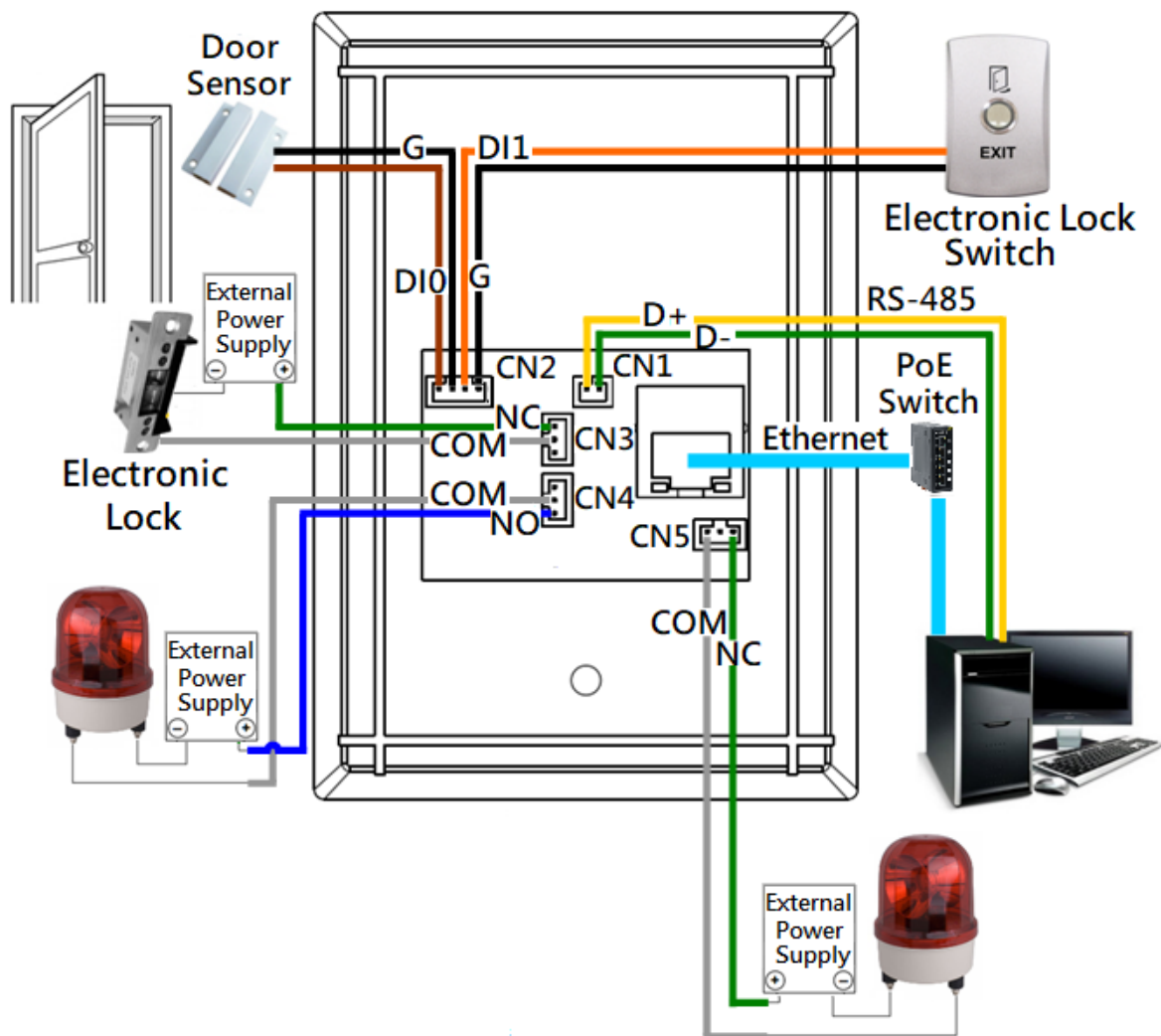


1 Pin Assignment

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)	

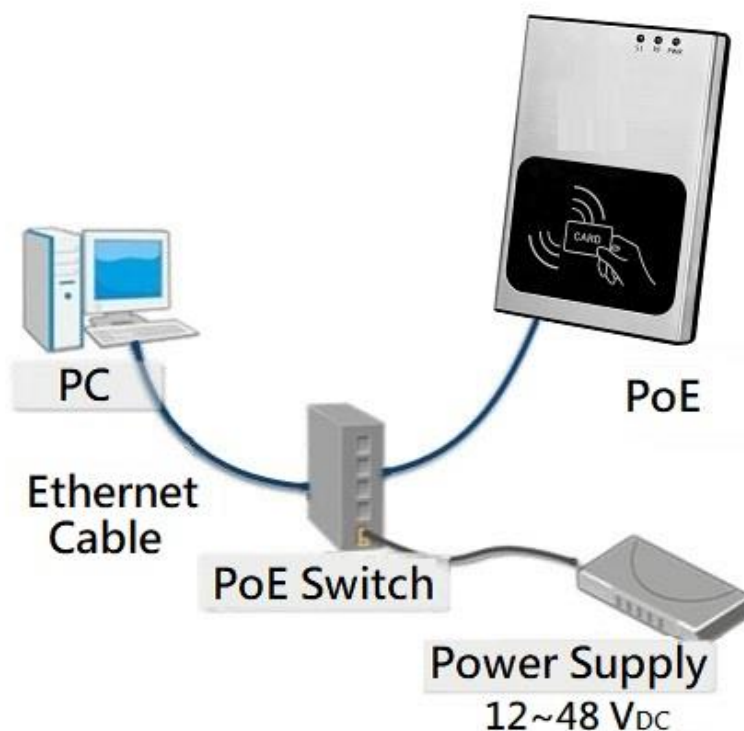
2 Wire connections

Input Type	ON	OFF
Relay Contact (Dry)		
Open Collector (Dry)		
Output Type	Relay ON	Relay OFF
FormC		

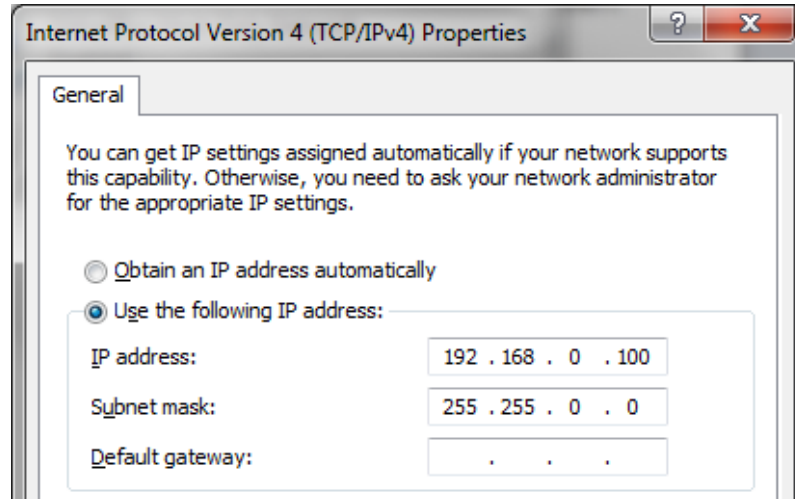


3 System Installation

Connect to host PC, network and power supply



01. Make sure that the network settings on the PC are properly configured and functioning properly
 - a. Entry the IP address as "192.168.0.x", where "x" is a number Between 1 and 254 except 1, Subnet mask as "255.255.0.0". Finally, press "OK" button.



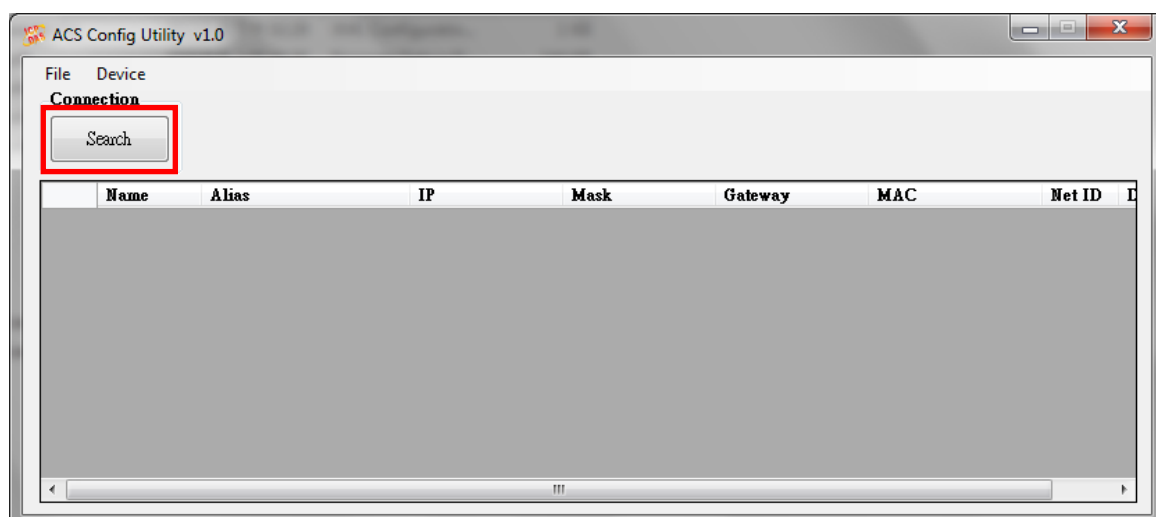
02. Make sure that Windows Firewall or antivirus firewall is properly configured to allow incoming connections, or temporarily disable these features

Execute access control setting program (ACS Config Utility)

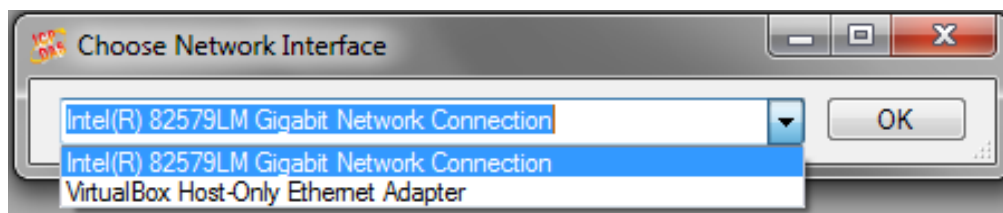
01. ACS Config Utility can be obtained either from the companion CD or from the ICP DAS FTP site at

<https://www.icpdas.com/en/download/show.php?num=2463&model=ACS-10VP-MF>

02. Click the "Search" button to search for your module



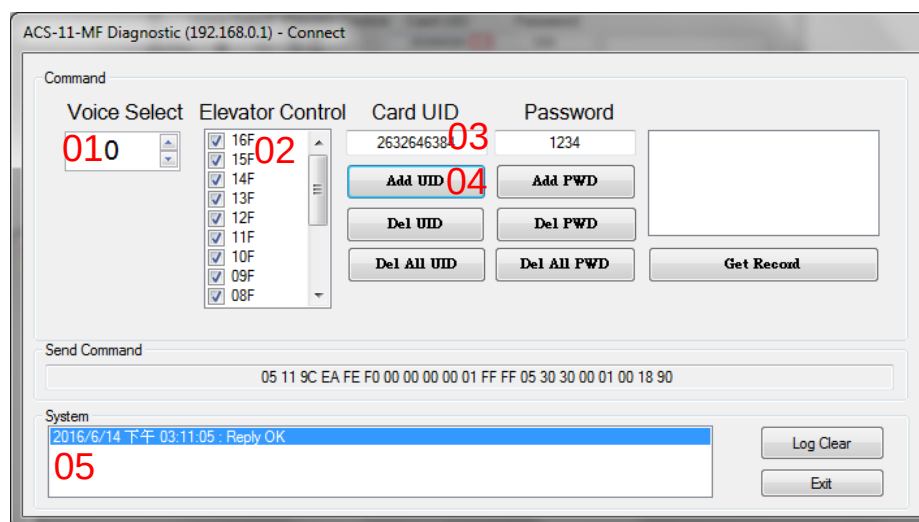
03. Select network connection interface of PC
04. Click the "OK" button to wait for the search to complete



05. Display the device search list and select the module name

	Name	Alias	IP	Mask	Gateway	MAC	Net ID	I
▶	ACS-11-MF	ACS-11P v1.58 v1.58	192.168.0.1	255.255.0.0	192.168.0.254	00:0d:e0:c0:00:2b		0
	ACS-11-MF	ACS-11-MF v3.57	192.168.110.4	255.255.0.0	192.168.110.254	00:0d:e0:c0:00:28		0
	ACS-11-MF	ACS-11 v1.58	192.168.110.2	255.255.0.0	192.168.110.254	00:0d:e0:c0:00:2c		0

Add Mifare card number



A. Add Mifare card number

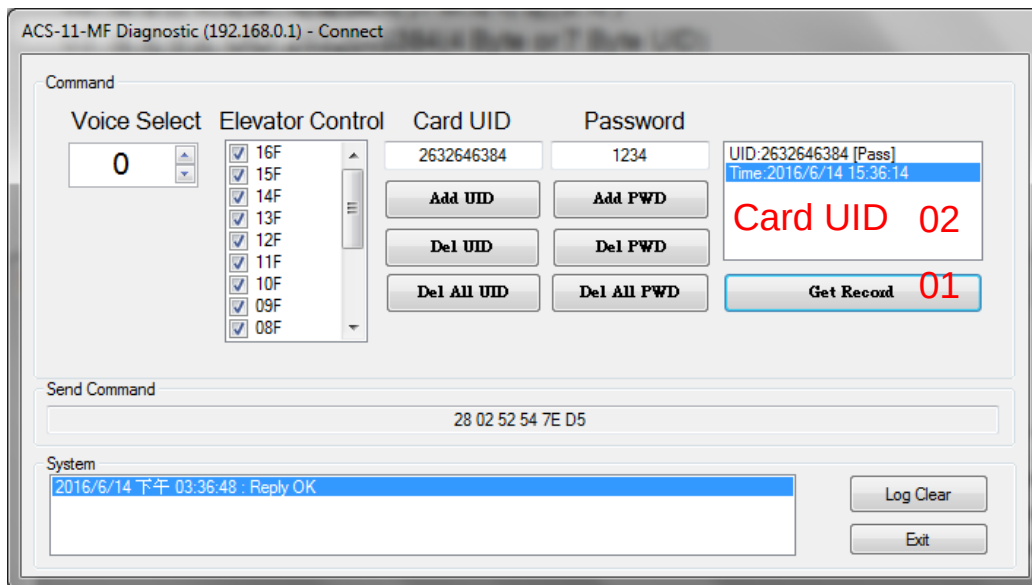
01. Select the voice number (0~39): 0
02. Floor control options: Check (enable) / Uncheck (disable)
03. Fill in the UID of card: 2632646384(4 Byte or 7 Byte UID)
04. Click the "Add UID" button
05. Display "Reply OK"; make sure to add the UID successfully

B. Mifare card induction test

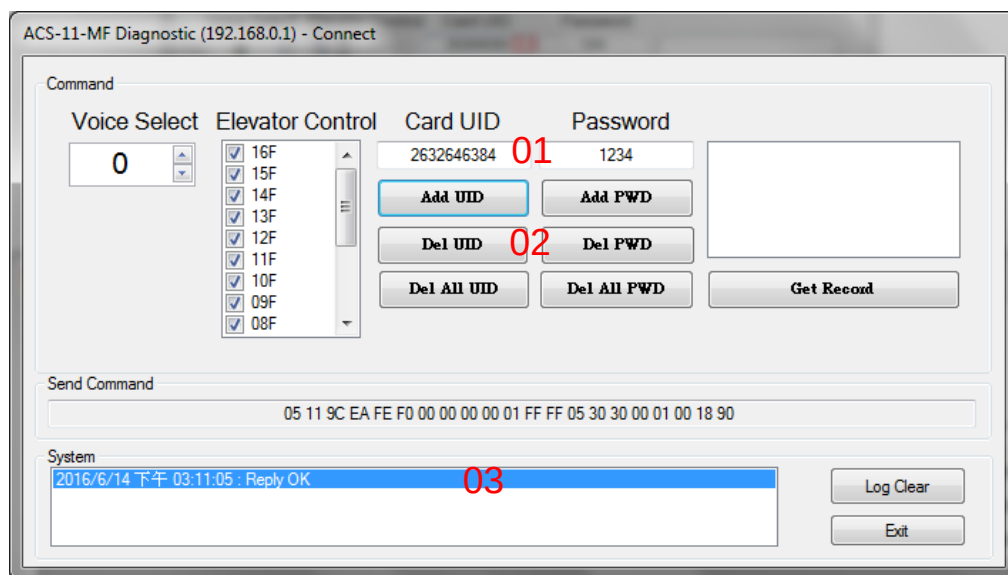
01. Place the Mifare card close to the ACS-xxx-MF
02. ACS-xxx-MF will read the card UID and record the pass information
03. ACS-xxx-MF will open the electronic lock relay (CN3) and play the specified voice

C. Read the pass records

01. Click the "Get Record" button to read a pass record
02. Display Card number [2632646384] / 、 Status [**Pass**] and Time [Year/Month/day Hour:Minute:Second]



Delete Mifare card UID



A. Delete Mifare card UID

01. Fill in the UID of card: 2632646384(4 Byte or 7 Byte UID)
02. Click the "Del UID" button
03. Display "Reply OK"; make sure to delete the UID successfully

B. Mifare card induction test

01. Place the Mifare card that has deleted the card number close to the ACS-xxx-MF
02. ACS-xxx-MF will read the card UID and record the pass information
03. ACS-xxx-MF will play "Invalid Card" voice

C. Read the pass records

01. Click the "Get Record" button to read a pass record
02. Display Card number [2632646384]、Status [Denied] and Time [Year/Month/day Hour:Minute:Second]

ACS-11-MF Diagnostic (192.168.0.1) - Connect

Command

Voice Select	Elevator Control	Card UID	Password	
0	☒ 16F ☒ 15F ☒ 14F ☒ 13F ☒ 12F ☒ 11F ☒ 10F ☒ 09F ☒ 08F	2632646384 Add UID Del UID Del All UID	1234 Add PWD Del PWD Del All PWD	UID:2632646384 [Denied] Time:2016/6/14 16:2:42 02 Card UID 01 Get Record

Send Command

28 02 52 54 7E D5

System

2016/6/14 下午 04:03:11 : Reply OK

● Troubleshooting

Item	Problem Description	Solution
1	Power Failure (PWR LED Off)	1. Please confirm that the PoE power supply is normal 2. Please return to the ICP DAS for inspection and repair
2	Cards cannot be used	1. Make sure cards support Mifare S50 standard (ISO 14443-A) 2. EM and HID cards are not supported
3	How to find out IP address of ACS-xxx-MF?	1. Use eSearch Utility Step1. Please install and execute the eSearch Utility https://www.icpdas.com/en/download/show.php?num=1327&nation=US&kind1=&model=&kw=esearch Step2. Press "Search Servers" button then find out IP address 