

What's in the box?

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



iSOS-ALM-Horn



Screw Driver



CA-014 cable

Technical Support

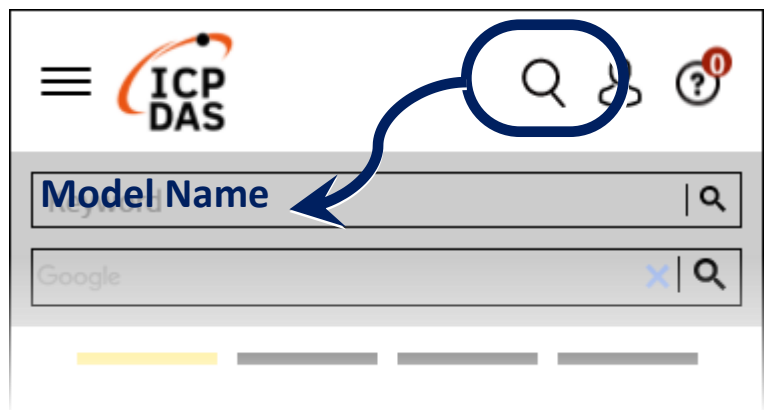
service@icpdas.com

www.icpdas.com

Resources

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

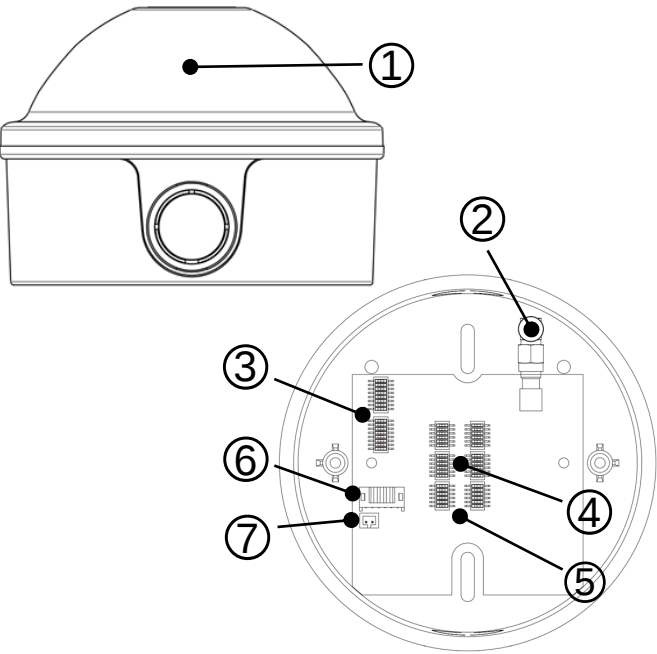
- For Mobile Web



- For Desktop Web

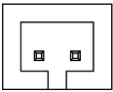


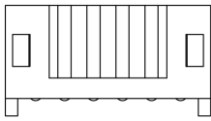
1 Appearance



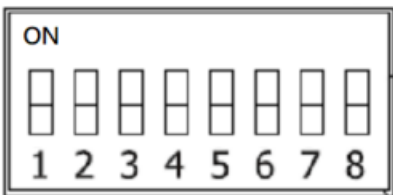
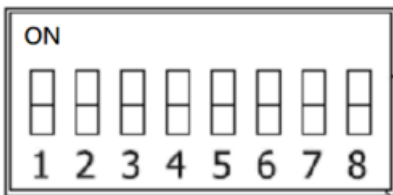
Number	Instructions
1	Alarm Sire
2	Build in whip antenna
3	Communication parameter dip switch
4	Filter parameter dip switch
5	LED indicator
6	Signal connector
7	Power connector

2 Connector

Power Connector	 CON1	
Define	10~30 VDC	GND

Signal Connector	 CON2					
Define	10~30 VDC	GND	DO	NC	NC	NC

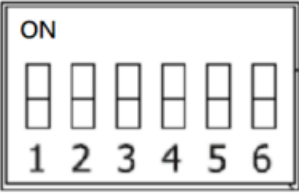
3 Communication parameters

Name	Instructions															
DIP Switch	 SW1								 SW2							
	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8
Define	RF Ch				NA		QC	TM	Node ID				GID		PA	

Name	Instructions									
RF Ch (RF Channel) ■ : Up □ : Down	Ch	Pins				Ch	Pins			
		1	2	3	4		1	2	3	4
	0	☐	☐	☐	☐	8	☐	☐	☐	☒
	1	☒	☐	☐	☐	9	☒	☐	☐	☒
	2	☐	☒	☐	☐	A	☐	☒	☐	☒
	3	☒	☒	☐	☐	B	☒	☒	☐	☒
	4	☐	☐	☒	☐	C	☐	☐	☒	☒
	5	☒	☐	☒	☐	D	☒	☐	☒	☒
	6	☐	☒	☒	☐	E	☐	☒	☒	☒
	7	☒	☒	☒	☐	F	☒	☒	☒	☒
NA	Reserve									
QC (Factory use only) ■ : Up □ : Down	QC Mode		Pins							
			7							
	Turn On		☒							
	Turn Off		☐							
TM (Trigger Mode) ■ : Up □ : Down	Trigger Mode		Pins							
			8							
	Trigger all		☒							
	Filter trigger		☐							

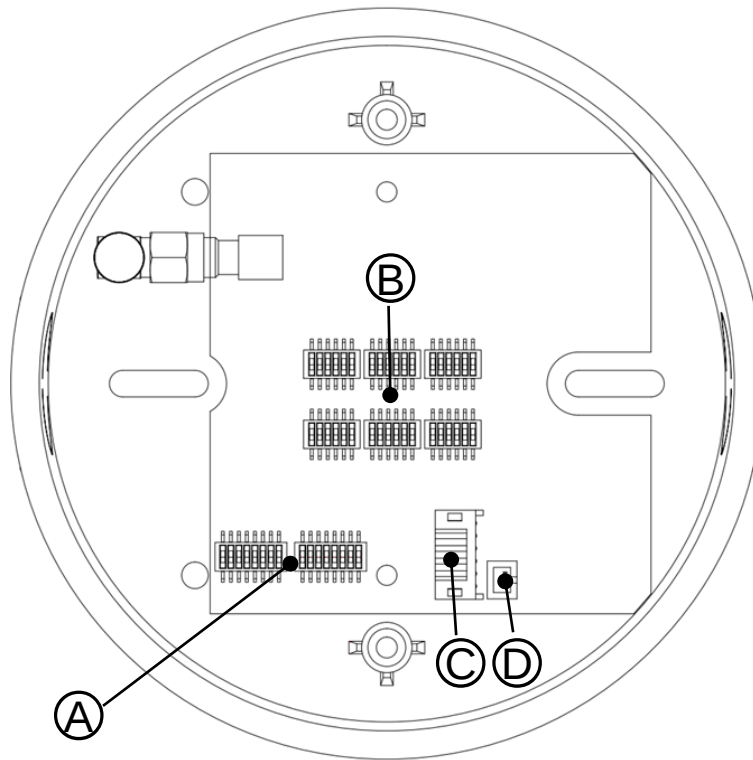
Name	Instructions														
Node ID ■ : Up □ : Down	Node ID	Pins					Node ID	Pins							
		1	2	3	4	5		1	2	3	4	5			
	0	□	□	□	□	□	16	□	□	□	□	■			
	1	■	□	□	□	□	17	■	□	□	□	■			
	2	□	■	□	□	□	18	□	■	□	□	■			
	3	■	■	□	□	□	19	■	■	□	□	■			
	4	□	□	■	□	□	20	□	□	■	□	■			
	5	■	□	■	□	□	21	■	□	■	□	■			
	6	□	■	■	□	□	22	□	■	■	□	■			
	7	■	■	■	□	□	23	■	■	■	□	■			
	8	□	□	□	■	□	24	□	□	□	■	■			
	9	■	□	□	■	□	25	■	□	□	■	■			
	10	□	■	□	■	□	26	□	■	□	■	■			
	11	■	■	□	■	□	27	■	■	□	■	■			
	12	□	□	■	■	□	28	□	□	■	■	■			
	13	■	□	■	■	□	29	■	□	■	■	■			
	14	□	■	■	■	□	30	□	■	■	■	■			
	15	■	■	■	■	□	31	■	■	■	■	■			
GID (Group ID) ■ : Up □ : Down			Group		Pins										
					6	7									
			0		□	□									
			1		■	□									
			2		□	■									
			3		■	■									
PA	Factory use only														

4 Filter parameter

Name	Instructions					
DIP Switch	 SW3 ~ SW8					
Define	1	2	3	4	5	6
	Trigger ID					EN

Name	Instructions											
Trigger ID ■ : Up □ : Down	Trigger ID	Pins					Trigger ID	Pins				
		1	2	3	4	5		1	2	3	4	5
	0	□	□	□	□	□	16	□	□	□	□	■
	1	■	□	□	□	□	17	■	□	□	□	■
	2	□	■	□	□	□	18	□	■	□	□	■
	3	■	■	□	□	□	19	■	■	□	□	■
	4	□	□	■	□	□	20	□	□	■	□	■
	5	■	□	■	□	□	21	■	□	■	□	■
	6	□	■	■	□	□	22	□	■	■	□	■
	7	■	■	■	□	□	23	■	■	■	□	■
	8	□	□	□	■	□	24	□	□	□	■	■
	9	■	□	□	■	□	25	■	□	□	■	■
	10	□	■	□	■	□	26	□	■	□	■	■
	11	■	■	□	■	□	27	■	■	□	■	■
	12	□	□	■	■	□	28	□	□	■	■	■
	13	■	□	■	■	□	29	■	□	■	■	■
	14	□	■	■	■	□	30	□	■	■	■	■
15	■	■	■	■	□	31	■	■	■	■	■	
EN (Enable SW) ■ : Up □ : Down												
	Enable SW		Pins									
			6									
	Turn On		■									
	Turn Off		□									

5 Setup steps



- A. Adjust the communication dip switch to set the communication parameters. Please note that the RF Ch (wireless channel) must be the same as the emergency button used together, and the Node ID (station number) must be staggered with each other.
- B. Adjust the filter dip switch to decide whether to use "all ID trigger" or "filter ID trigger" mode.
 - B.1. All ID trigger mode: Turn on the TM (trigger mode) dip switch. When receiving an emergency button distress signal that matches the RF Ch (wireless channel) setting, the module will immediately turn on the alarm siren.
 - B.2. Filter ID trigger mode: Adjust the Trigger ID (trigger station number) and EN (enable switch) dip switches. Six groups of Trigger ID (trigger station numbers) can be set. When receiving a message that matches the RF Ch (wireless channel) and Trigger ID (Trigger the emergency button distress signal set by the station number), the module will immediately turn on the alarm siren.
- C. Please confirm that the signal connector (CON2) is indeed connected to iSOS-ALM-Horn and alarm siren.
- D. Please confirm that the power connector (CON1) supplies 10~30VDC power.