

What's in the box?

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



iSOS-800-PT



3V Lithium Battery



Screw Driver

Resources

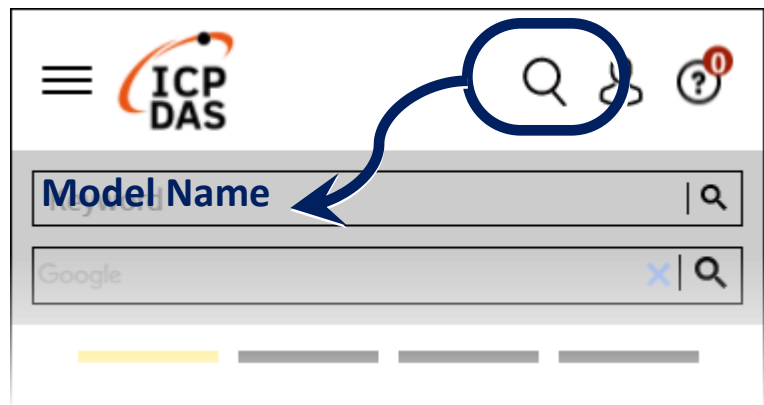
How to search for drivers, manuals and spec information on ICP DAS website.

Technical Support

service@icpdas.com

www.icpdas.com

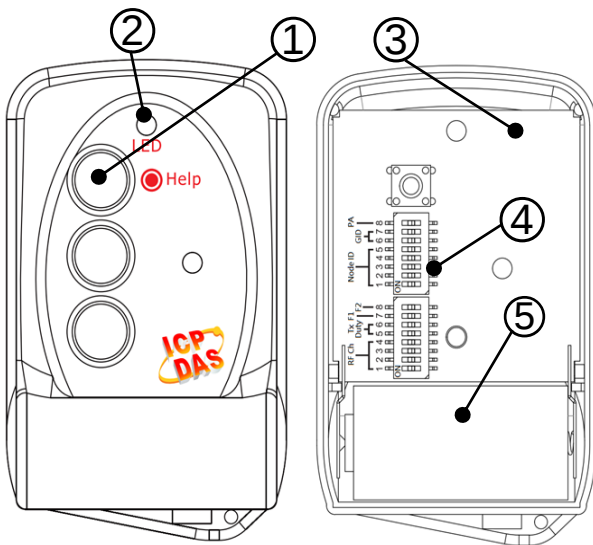
- For Mobile Web



- For Desktop Web

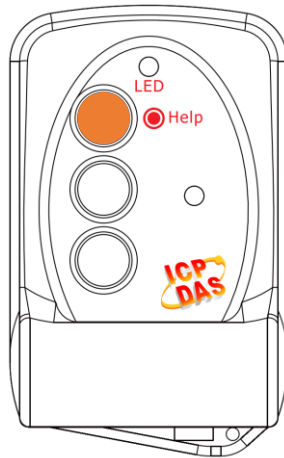


1 Appearance



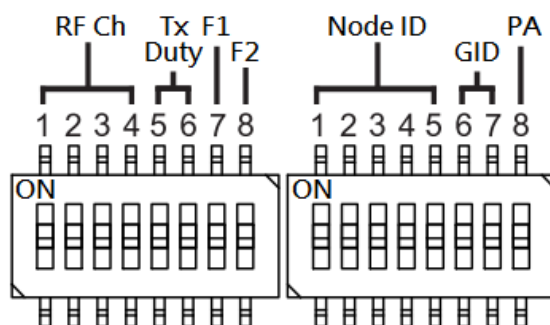
Number	Instructions
1	Emergency button
2	LED indicator
3	Chip antenna
4	Communication parameters DIP switch
5	Battery Holder

2 Button



Button	Function	Instructions	Remark
Help	Emergency Call	Press once	LED indicator blinks every <u>Second</u>
	Reset	Press and hold for 3 seconds	LED indicator blinks every <u>Minute</u>

3 Communication parameters



Name	Instructions									
F2 (Transmission time unit) ■ : ON □ : OFF	Unit		Pins							
			F2							
	Second	□								
	Minute	■								
F1	Reserved									
TX Duty (RF transmission duty) ■ : ON □ : OFF	Period	Pins								
		5	6	F2						
	1 second	□	□	□						
	10 seconds	■	□	□						
	30 seconds	□	■	□						
	60 seconds	■	■	□						
	3 minutes	□	□	■						
	5 minutes	■	□	■						
	10 minutes	□	■	■						
30 minutes	■	■	■							
RF Ch (RF Channel) ■ : ON □ : OFF	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	■	■	■	■

Name	Instructions													
PA	Factory use only													
GID (Group ID) ■ : ON □ : OFF			Group		Pin									
					6		7							
			0		□		□							
			1		■		□							
			2		□		■							
			3		■		■							
Node ID ■ : ON □ : OFF	Node		Pin					Node		Pin				
			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		■	■	■	■	■

4 Modbus Address Mapping Table

iWSN sensor Node ID	The range of address mapping (Hexadecimal)	The range of address mapping (Decimal · Base 0)	The range of address mapping (Decimal · Base 1)
1	0x0141~0x016C	321~364	40322~40365 30322~30365
2	0x0241~0x026C	577~620	40578~40621 30578~30621
...	...	...	...

For example, Node ID 1:

PLC address (Base1)	Protocol address (Base0)	Function code	Property	Data type	Description
40341 30341	340 (0x0154)	03, 04	R	Uint16	0:Normal 1:Alert