



ICP DAS DAS iSN-81x Series Wireless Modems User Guide

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ICP DAS DAS iSN-81x Series Wireless Modems



iSN-81x Series Quick Start

Version: v1.0, Jan 2023

Packing List

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

- iSN-81x-MRTU or iSN-81x-MTCP
- Screw Driver
- Technical Support – service@icpdas.com – www.icpdas.com

Resources

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

- For Mobile Web – Model Name
- For Desktop Web – Model Name

Pin Assignments and LED indicators

LED	PWR Status	LED Status	Description
LED 1	Bright	Bright	Power supply Start
LED 1	Bright	Blink	Modbus communication Diagnostic message

DIP Switch Pin Number	Function	ID range (Modbus ID 1~5)	Example
6~8	Baudrate Init	ID range: 1~31	Device works in waiting to be upload Firmware mode
			Device works in normal mode
			Default IP address – IP 192.168.255.100 – Mask 255.255.0.0 – Gateway 192.168.0.1

Installation

The iSN-81x series can be installed on a 35mm DIN rail.

Product Usage Instructions

1. Check that all the items mentioned in the packing list are present in the package.
2. Install the iSN-81x series on a 35mm DIN rail.
3. Set the DIP switch to configure the Modbus ID and baudrate settings. The ID range is from 1 to 31, and the baudrate can be set to either Init or Run mode.
4. The default IP address for the iSN-81x series is 192.168.255.100 with a subnet mask of 255.255.0.0 and a gateway of 192.168.0.1.
5. Refer to the ICP DAS website to search for drivers, manuals, and specifications.
6. Contact technical support at service@icpdas.com or visit www.icpdas.com for further assistance.

Packing List

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



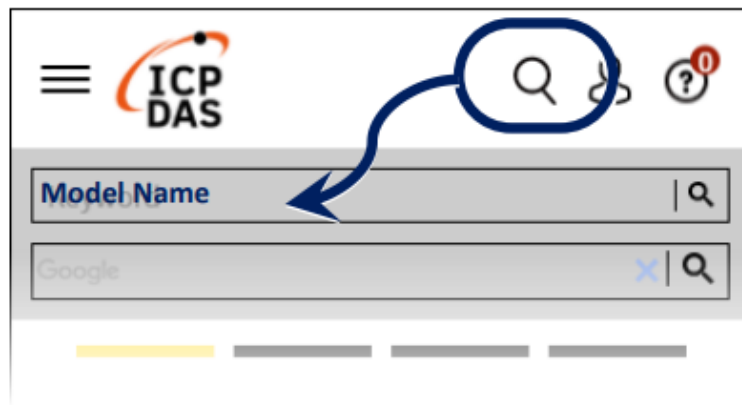
Technical Support

service@icpdas.com
www.icpdas.com

Resources

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

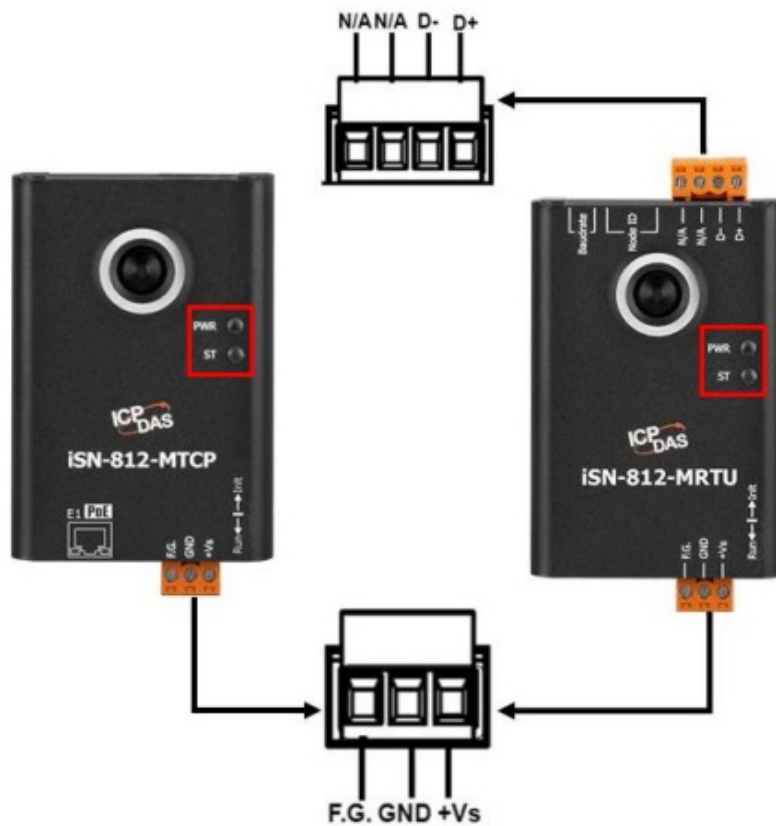
- For Mobile Web



- For Desktop Web

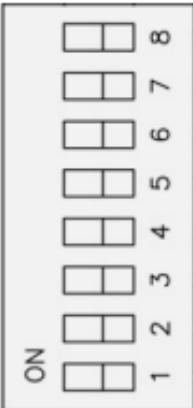



Pin Assignments and LED indicators



LED	LED Status	LED Description
PWR	Bright	Power supply
Status	Bright	Start Modbus communication
	Blink	Diagnostic message

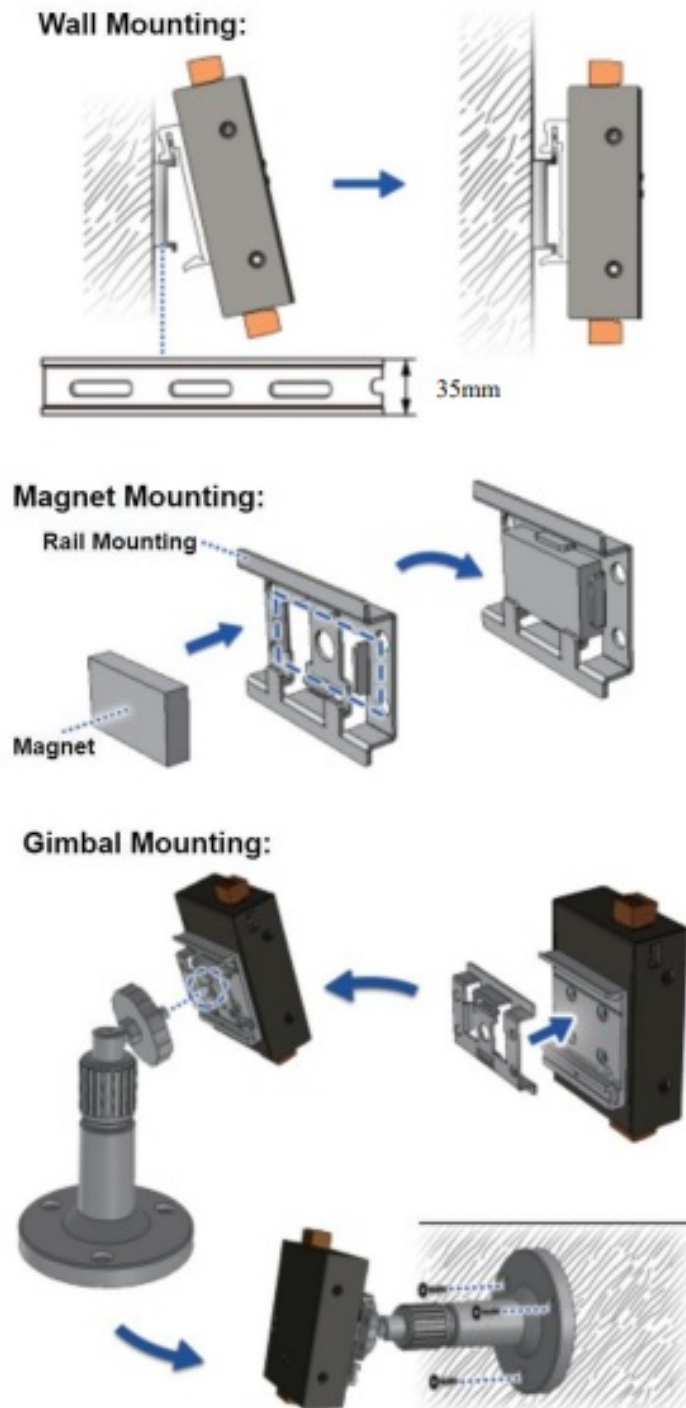
DIP Switch

	Pin Number	Function	Example																													
	1~5	Modbus ID (ID range: 1~31)	<table><tr><th rowspan="2">Modbus ID</th><th colspan="5">Switch</th></tr><tr><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th></tr><tr><td>1</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td></tr><tr><td>10</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td></tr><tr><td>30</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1</td></tr></table> <p>Note: 1=>ON, 0=>OFF</p>	Modbus ID	Switch					1	2	3	4	5	1	1	0	0	0	0	10	0	1	0	1	0	30	0	1	1	1	1
	Modbus ID	Switch																														
1		2	3	4	5																											
1	1	0	0	0	0																											
10	0	1	0	1	0																											
30	0	1	1	1	1																											
	6~8	Baudrate	<table><tr><th rowspan="2">Baudrate (bps)</th><th colspan="3">Switch</th></tr><tr><th>6</th><th>7</th><th>8</th></tr><tr><td>9600</td><td>0</td><td>0</td><td>0</td></tr><tr><td>19200</td><td>1</td><td>0</td><td>0</td></tr><tr><td>38400</td><td>0</td><td>1</td><td>0</td></tr><tr><td>57600</td><td>1</td><td>1</td><td>0</td></tr><tr><td>115200</td><td>0</td><td>0</td><td>1</td></tr></table> <p>Note: 1=>ON, 0=>OFF</p>	Baudrate (bps)	Switch			6	7	8	9600	0	0	0	19200	1	0	0	38400	0	1	0	57600	1	1	0	115200	0	0	1		
Baudrate (bps)	Switch																															
	6	7	8																													
9600	0	0	0																													
19200	1	0	0																													
38400	0	1	0																													
57600	1	1	0																													
115200	0	0	1																													
	Init		Device works in waiting to be upload Firmware mode																													
	Run		Device works in normal mode																													

Default IP address

IP	Mask	Gate way
192.168.255.100	255.255.0.0	192.168.0.1

Installation



Documents / Resources

	<p>ICP DAS iSN-81x Series Wireless Modems [pdf] User Guide</p> <p>iSN-812-MTCP CR, iSN-81x-MRTU, iSN-81x-MTCP, DAS iSN-81x Series Wireless Modems, DAS iSN-81x Series, DAS iSN-81x Series Modems, Wireless Modems, Modems</p>
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References

- [ICP DAS](#)
- [ICP DAS](#)

