

Packing List

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



RFU-920 Module
ANT-109-01 Antenna



Screw Driver

Resources

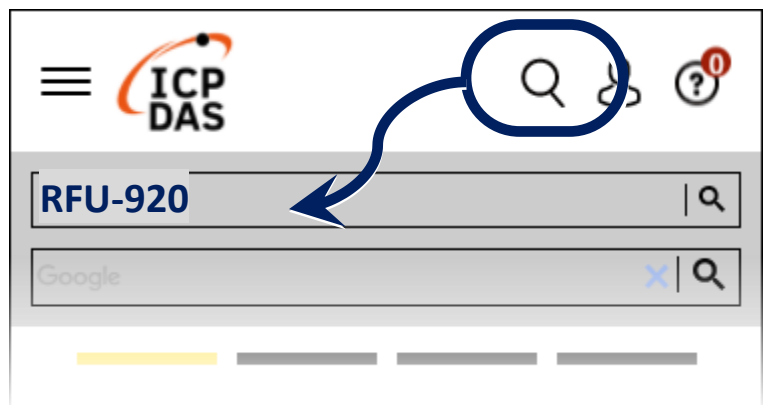
Technical Support

service@icpdas.com

www.icpdas.com

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

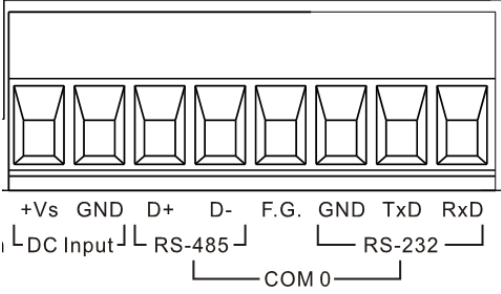
- For Mobile Web



- For Desktop Web

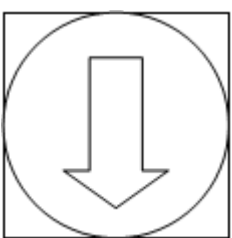


1 Terminal Block

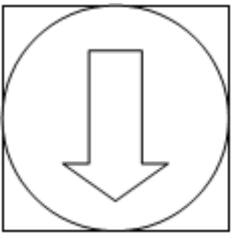
	Pin	Description
	RxD	RS-232
	TxD	
	GND	
	F.G.	Frame Ground
	D-	RS-485
	D+	
	GND	Power: +10 ~ +30 VDC, 1A
	+Vs	

2 Rotary switch and DIP switch

RF Channel

Switch Name	No.	Freq. (MHz)	No.	Freq. (MHz)
 RF Channel	0	920.000	8	922.5000
	1	920.3125	9	922.8125
	2	920.6250	A	923.1250
	3	920.9375	B	923.4375
	4	921.2500	C	923.7500
	5	921.5625	D	924.0625
	6	921.8750	E	924.3750
	7	922.1875	F	924.6875

Group ID

Switch Name	No.	Description
 Group ID	0x0 ~ 0xE	Group ID setting by rotary switch
	0xF	Group ID setting by utility ID range: 0x0000 ~ 0xFFFF

Repeater Mode

Switch Name	Status	Description
RPT		Enable repeater mode (supports 1 hub)
		Normal communication mode

RSSI Data

Switch Name	Status	Description
RSSI		Enable RSSI data
		Disable RSSI data

COM Data Rate

Switch Name	Status	Data Rate (bps)	Status	Data Rate (bps)
COM Rate		115200		9600
		57600		4800
		38400		2400
		19200		1200

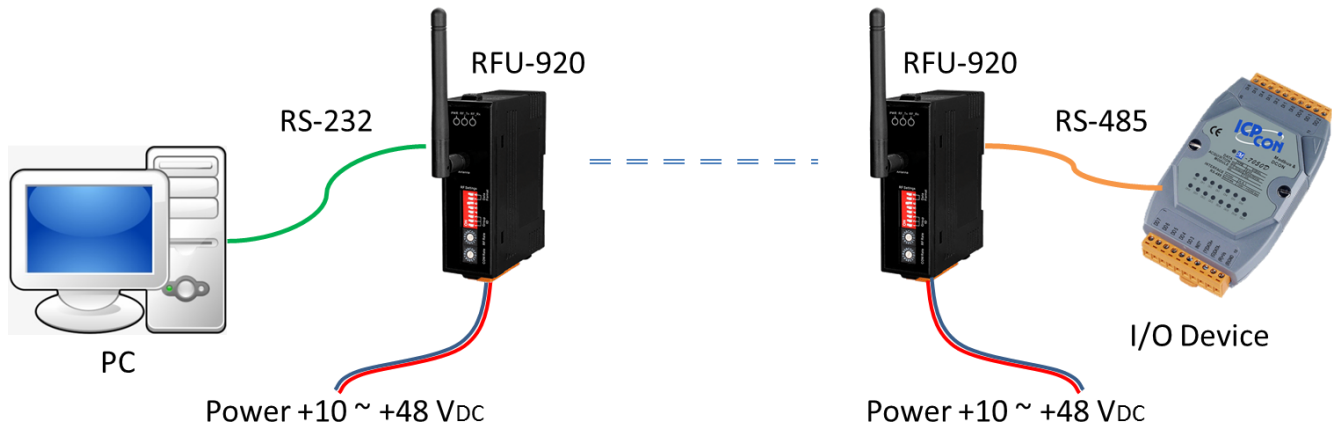
COM Data Format

Switch Name	Status	Data Format
COM Data Format		N, 8, 1
		O, 8, 1
		E, 8, 1
		Reserved

3 Wiring and Communication

Step1. Adjust the dip and rotary switches to the suitable settings.

Step2. The PC and the remote I/O device are each connected to an RFU-920, as shown below.



Step3. The PC can use any third-party Com Port communication software to communicate with remote I/O devices through RFU-920. For example, if the I/O is a Modbus device, the PC can use Modbus software to connect to the I/O.

