PROFIBUS Gateway & Converter Series Quick Start

v1.1, Dec 2022

Packing List

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

			
PROFIBUS gateway /converter module	Screw Driver	RS-232 Cable (CA-0910)	Plastic Rail
All PROFIBUS gateway/ Converter	I-7550-M I-7550E-M GW-7552-M GW-7553-M GW-7553-CPM-M GW-7557-M	All PROFIBUS gateway/ Converter	I-7550-B I-7550E GW-7552-B GW-7553-B GW-7553-CPM GW-7557

Technical Support

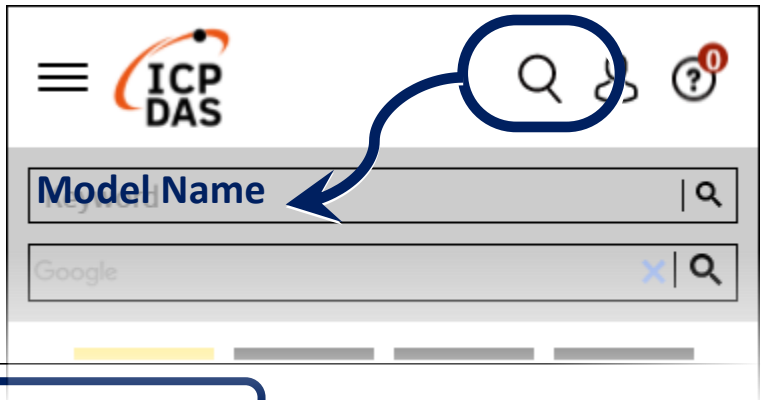
service@icpdas.com

www.icpdas.com

Resources

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

- For Mobile Web



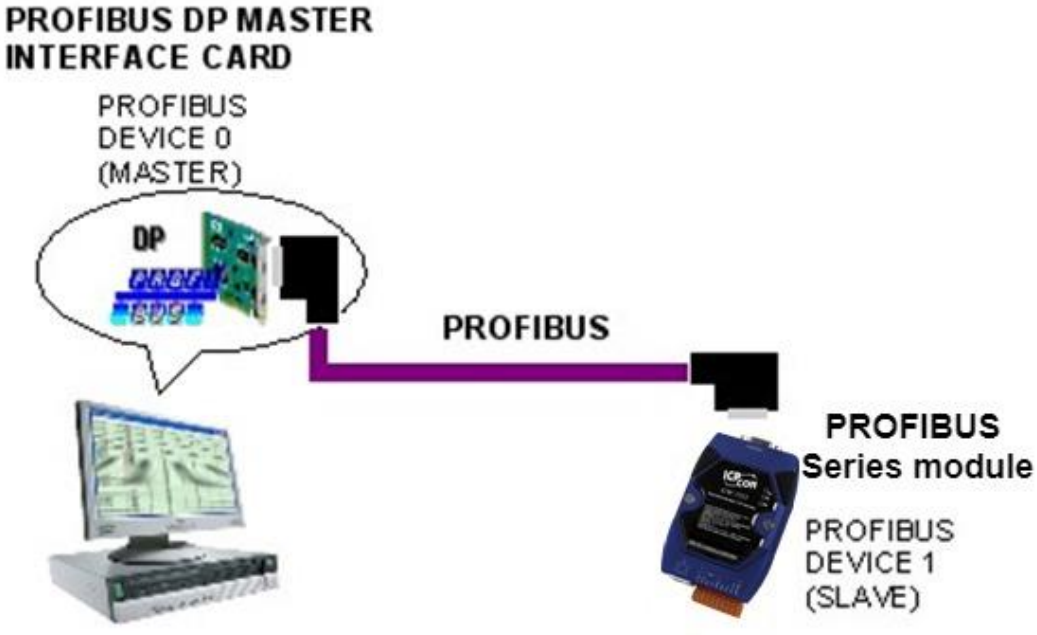
- For Desktop Web



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Hardware configuration (PROFIBUS connection)

Here we recommend users to use the standard PROFIBUS cable and connector (DB9 male). It is only needed to use D-type connector via PROFIBUS cable to connect PROFIBUS Master station and PROFIBUS series module. PROFIBUS Master station and PROFIBUS series module belong to terminal equipments in this example, thus we need to enable the terminator resistor in the D-type connector.

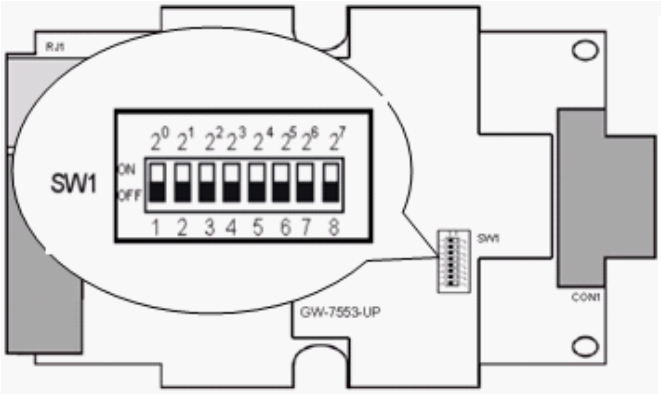


PROFIBUS station address setting

PROFIBUS series module is a slave device of PROFIBUS DP protocol. The station address of PROFIBUS series module can be set by DIP switch or rotary switch. The range of PROFIBUS station address is 0~126.

DIP Switch

The DIP switch can be seen by open the cover, as shown in the below.



Station address	DIP switch (SW1)							
	1	2	3	4	5	6	7	8
1	1	0	0	0	0	0	0	0
10	0	1	0	1	0	0	0	0
31	1	1	1	1	1	0	0	0

Note: 1=>ON, 0=>OFF

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