BNET-2107M Quick Start

v1.0, November 2025

Packing List

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



BNET-2107M



Screw Driver (1C016)

Technical Support

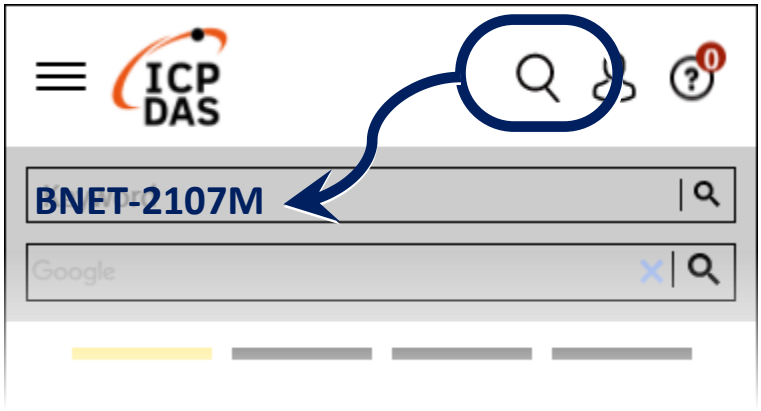
service@icpdas.com

www.icpdas.com

Resources

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

- For Mobile Web

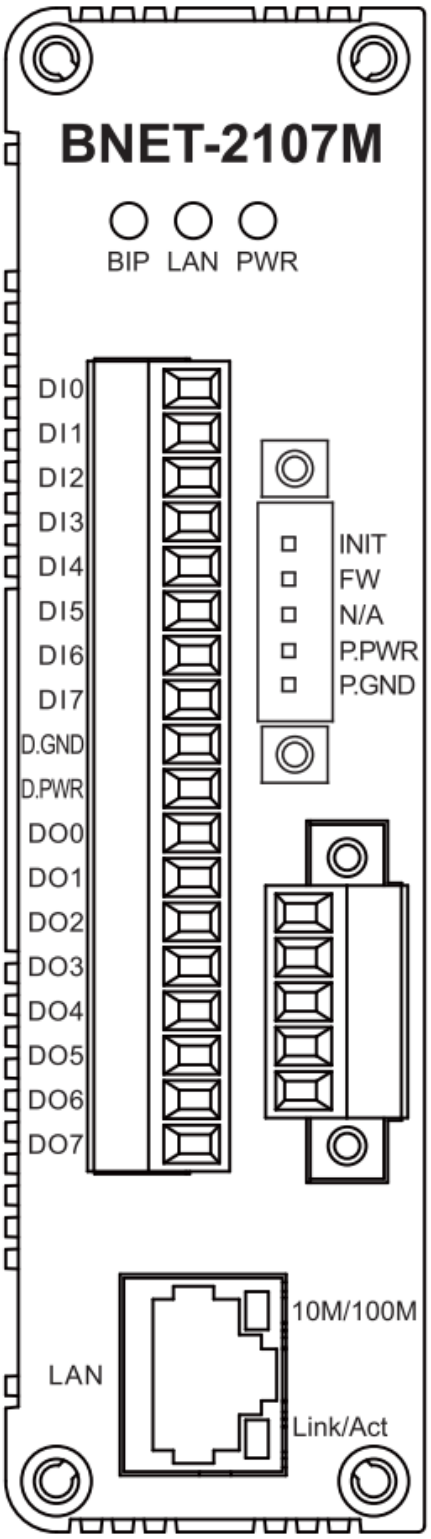


- For Desktop Web



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BNET-2107M Pin Assignment

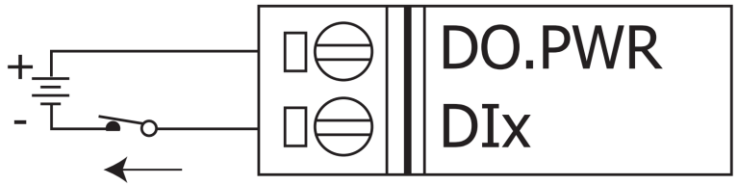
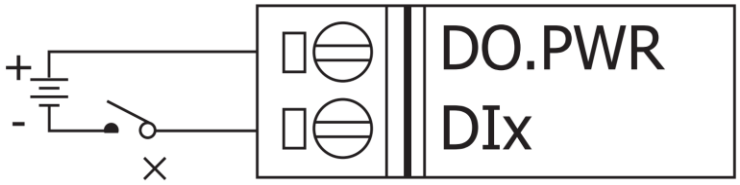


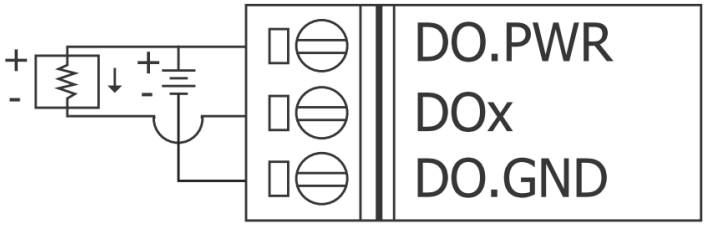
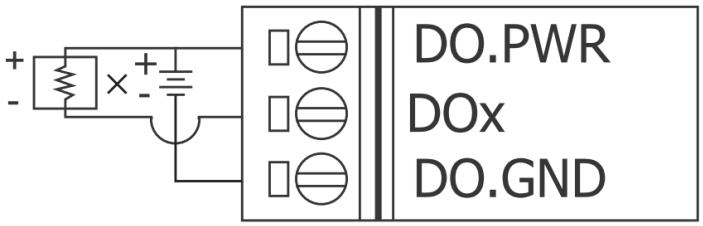
Power Input & Special functionality	
Pin	Description
INIT	For restoring default account, password, or IP address. Please refer to the chapter 3 of the manual.
FW	For updating the firmware. Please refer to the chapter 4 of the manual.
N/A	Don't care.
P.PWR	DC Power 10V ~ 30V input
P.GND	DC Power GND

Digital IO pins	
Pin	Description
DI0	Digital Input 0
DI1	Digital Input 1
DI2	Digital Input 2
DI3	Digital Input 3
DI4	Digital Input 4
DI5	Digital Input 5
DI6	Digital Input 6
DI7	Digital Input 7
D.GND	Power GND for IO
D.PWR	DC 10V~30V for IO
DO0	Digital Output 0
DO1	Digital Output 1
DO2	Digital Output 2
DO3	Digital Output 3
DO4	Digital Output 4
DO5	Digital Output 5
DO6	Digital Output 6
DO7	Digital Output 7

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BNET-2107M Wire Connection

Digital Input	Wire Connection
ON State +3.5 ~ +50VDC	
OFF State +1V DC Max.	

Digital Output	Wire Connection
ON State	
OFF State	

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BNET-2107M LED Indication

LED	LED Status	BNET-2310M Status
All LED	Light up each one in turn	Firmware update mode.
	Blinks once in 500ms	Initial mode
PWR	ON	Power on.
	Blinks every 500ms	Hardware failure.
LAN	ON	The Ethernet cable is connected to the switch.
	OFF	The Ethernet cable is not connected to the switch.
BIP	ON	Receiving BACnet/IP messages or is communicating with client.
	Blinks every 500ms	Idle.
	OFF	The Ethernet cable is not connected to the switch.

BNET-2107M Web Connection

BNET-2107M Factory Default and Initial Mode			
Network Information	IP	192.168.255.1	Network parameters can be changed according to your application.
	Mask	255.255.0.0	
	Gateway	192.168.0.1	

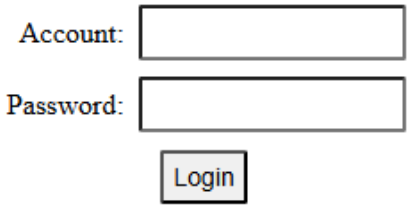
BNET-2107M Login Information

The default login information is as follows.

Account: admin

Password: admin





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