NSM-316G Quick Start

v1.0, March 2024

Packing List

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



NSM-316G

Technical Support

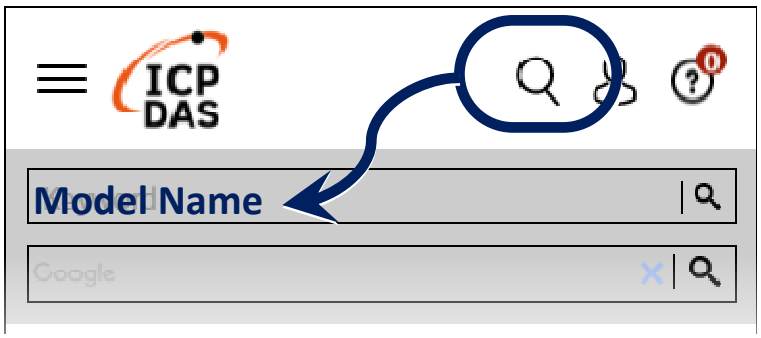
service@icpdas.com

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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LED Indicator Functions:

LED	COLOR	STATE	DESCRIPTION
PWR1	Green	On	This green LED is turned on when power is applied to the PWR1 input
PWR2	Yellow	On	This yellow LED is turned on when power is applied to the PWR2 input
Fault	Red	On	Any of the alarm enabled Port have been loss link.
Ethernet Port	Green	On	Link to 10/100/1000 Mbps
	Yellow	On	Act

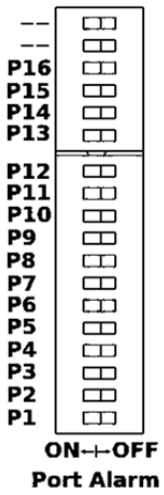
Pin Assignment for Terminal Block:

PIN	DESCRIPTION	NOTE
PWR1	12~48 VDC Power Input 1	PWR1 power input
GND	Ground	
R.COM	Alarm Relay (COM)	Relay closed when PWR1 or PWR2 power input is fault.
R.NO	Alarm Relay (NO)	
PWR2	12~48 VDC Power Input 2	PWR2 power input
GND	Ground	

Redundant Power Input：

The design of the redundant power input allows two power supplies to deliver power to the NSM-316G to increase reliability. Each of the power supplies will have the capacity to run the switch on its own when the other one goes down. The alarm relay can be used to connect with a buzzer to produce an alarm in the case of a power failure.

DIP Switch Settings:



DIP Switch	Setting	Description
Port Alarm (P1 to P16)	ON	Enables the Port Alarm. When the port's loss link, the relay will forced an close circuit,and the fault LED will light up.
	OFF	Disable the Port Alarm.

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