NSM-2105G-SFP Quick Start

v1.0, April 2023

Packing List

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



NSM-2105G-SFP

Technical Support

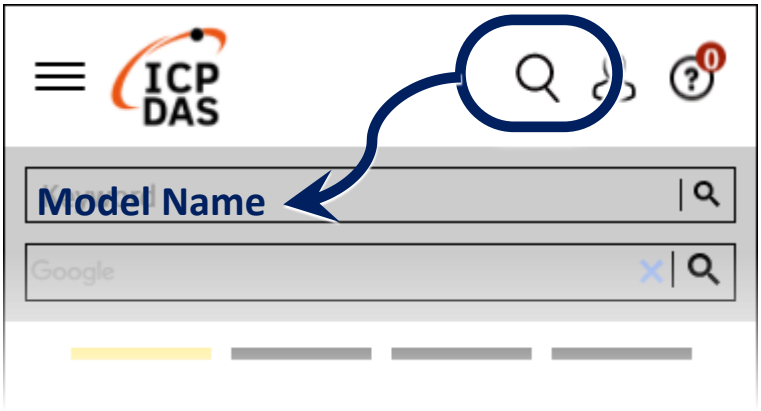
service@icpdas.com

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	Yellow	On	PWR1 power input is active.
		Off	PWR1 power input is inactive.
PWR2	Yellow	On	PWR2 power input is active.
		Off	PWR2 power input is inactive.
PWR Fail	Red	On	PWR1 or PWR2 power input is fault.
		Off	PWR1 and PWR2 power input are both active, or no power input.
P6_Link/Act	Green	On	Link/Act for SFP module
Ethernet Port	Green	On	Link/Act
	Orange	Off	Link to 100Mbps
		On	Link to 1000Mbps

Pin Assignment for Terminal Block:

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

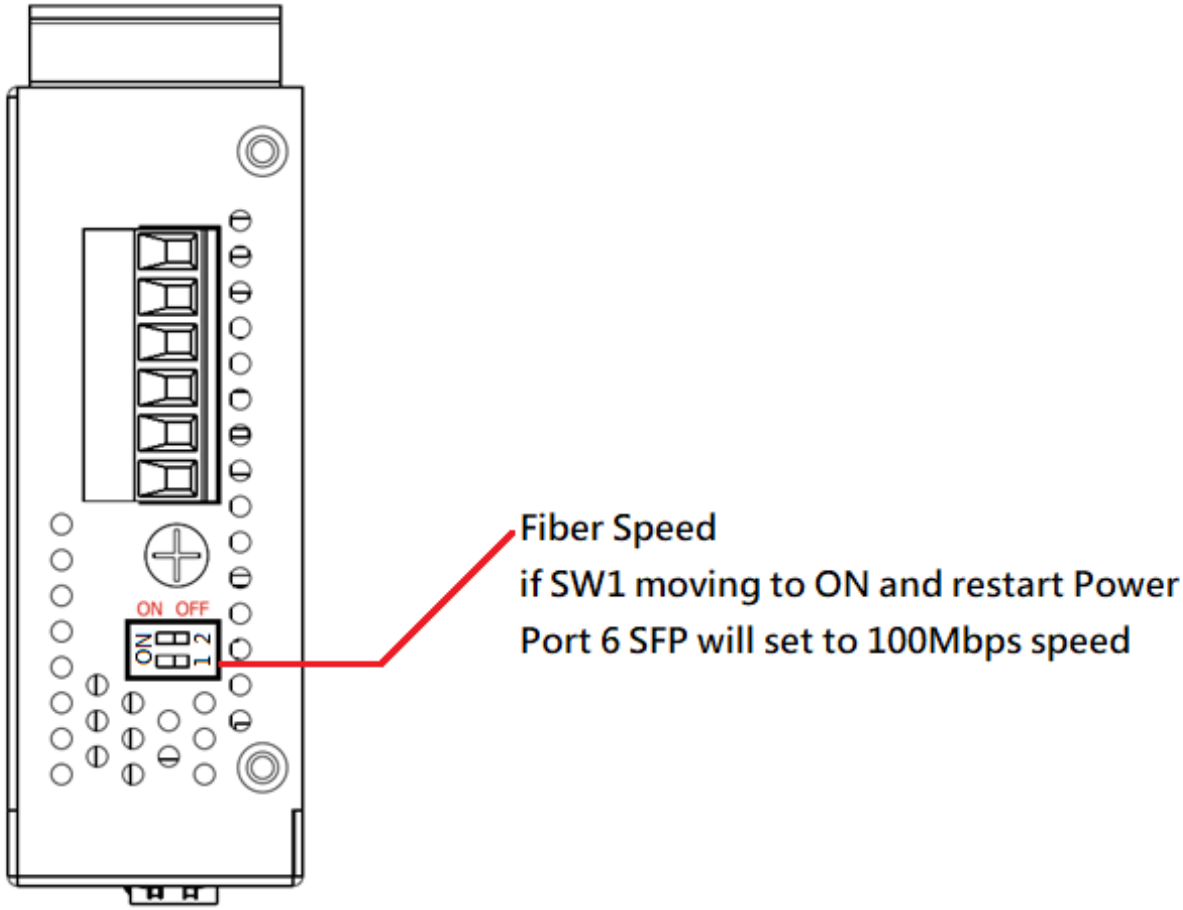
Redundant Power Input：

The design of the redundant power input allows two power supplies to deliver power to the NSM-2105G-SFP 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.

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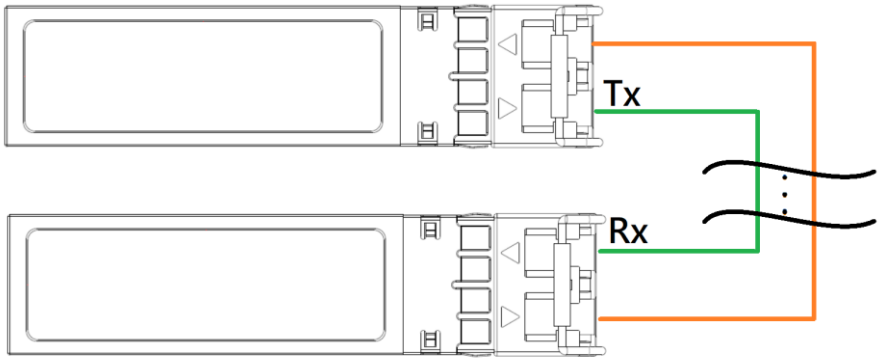
Fiber Speed Switch:

NSM-2105G-SFP supports Fiber Speed select function, default SFP Speed is 1000Mbps, then SW1 moving to ON and restart Power, NSM-2105G-SFP will set Fiber speed to 100Mbps.



SFP module

NSM-2105G-SFP supports various standard specifications of 100M & 1000M SFC modules, please pay attention to whether the speed, wavelength and direction of the SFP modules match when connecting with equipment.



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