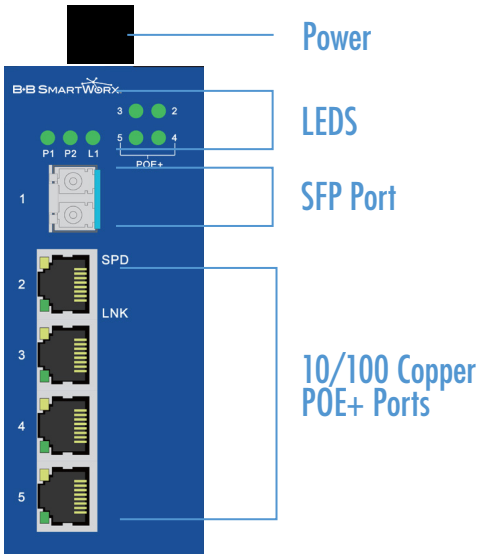
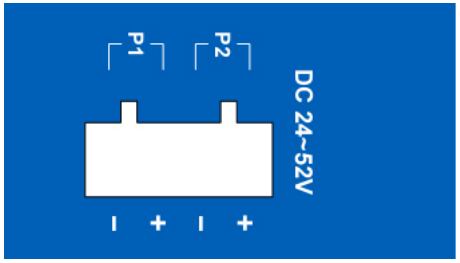
Product Overview



1 Power the Device



Redundant power inputs accept 24-52VDC.

Power consumption is 125W.

If redundancy is desired, you may connect two separate power supplies by using the two DC inputs on the terminal blocks.

2 About the Ports

RJ-45 Ports

The RJ-45 ports auto-negotiate for 10 or 100Mbps device connections. The Auto Cross feature allows connections to switches, workstations, and other equipment without changing straight through or crossover cabling.

Fiber Ports

The fiber SFP port supports 100Mbps Single Mode or Multi Mode SFPs, as long as they are MSA-compliant.

PoE+ Ports

The PoE+ ports on this switch follow Alternative B standards and support up to 30 Watts of power output per port. Ports 2 - 5 support the IEEE802.3af and IEEE802.3at standards and are classified as PSE power sourcing equipment, which means they can be used to power (PD) powered devices.

3 Grounding

Frame or earth ground.

When the network cables are attached and power is applied, installation is complete. The switch will automatically discover network devices, populate its MAC address table, and pass traffic to the appropriate ports.

4 LED Status

LED	Status	Description
PWR (P1, P2)	Green On	Power Applied
	Green Off	No Power
10/100 Copper SPD LED	Green On	100Mbps
	Green Off	10Mbps
10/100 Copper LNK LED	Green On	Link
	Green Flashing	Activity
	Green Off	Not connected to network
SFP LED L1	Green On	Link100Mbps
	Green Flashing	Activity
	Green Off	Not connected to network
PoE+	Green On	PWR Supplied
	Green Flashing	Port overload/short circuit or fail at startup
	Green Off	PWR Not Supplied

Troubleshooting

Verify that you are using 24-52 VDC for power. Applying more than 52 VDC could cause damage to the switch.

The switch can be monitored through the LED indicators on the front panel of the switch. The LEDs can help identify common problems.

If the power indicators do not light up when power is applied you may have a problem with the power supply. Check for loose power connections, power losses or surges at the power outlet.

If the switch LED's display normal operating mode and the cable connections are correct and no data is transmitted or received through the switch, contact your Network Administrator. The product is a transparent, unmanaged switch.

If the PDs fail to power up, make sure the power supply is rated to provide the power required.

Document – 710-10411-00_R1_ESWP205-1SFP-T_3715qsg

Recommended Accessories and Power Supplies

Power Supply SDR-240-24

http://www.bb-elec.com/Products/Power-Supplies-Accessories/DIN-Power-Supplies.aspx

Ethernet Cables

http://www.advantech-bb.com/Products/Power-Supplies-Accessories/

Fast, Easy Answers

- **First, check LEDs.**
- **Then use your smart phone to access complete documentation on our web site. Simply scan the code to the right.**

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QUICK START GUIDE

ESWP205-1SFP-T

5 Port Industrial PoE+ Ethernet Switch with SFP

First Things First...

Before you begin, be sure you have the following:

- ○ ESWP205-1SFP-T
- ○ Panel mount bracket
- ○ Required but not included: Power supply

Fast and easy on the web: www.advantech-bb.com