2-Port PoE Gigabit Port Mirroring Switch

CyberData
The IP Endpoint Company

The CyberData 2-Port PoE Gigabit Port Mirroring Switch enables users of a network attached device to split a single 802.3af or 802.3at PoE powered Gigabit Ethernet port into two Gigabit Ethernet ports for diagnostics purposes while still maintaining a PoE connection to the attached device.

Engineers, Programmers and Field Service Personal can utilize this Port Mirror function to monitor the network traffic to and from that device with network monitoring software such as Wireshark.

Pass through PoE power

The CyberData 2-Port PoE Gigabit Port Mirroring Switch is powered from a single 802.3at or 802.3af network switch and passes that power through to one or two of the downstream switch ports.

Features
- Port Mirroring
- 2-port auto-negotiating (no crossover cable required)
- 10.100.1000 full duplex (PoE-powered)
- Link/Status and connection speed LEDs
- VLAN Packet Forwarding
- RoHS compliant

Power Distribution
- All The PD input can be up to 30W.
  - 802.3af source @ 15W
  - A 802.3at source @ 25W
  - A non-compliant PoE injector up to 30W
- The internal circuits on the splitter takes 2W to operate.
  - With an 802.3af input, 13W are available to share between the two PSE outputs.
  - With an 802.3at input, 23W are available to share between the two PSE outputs.
  - With a non-compliant 30W PoE injector, 28W are available to share between the two PSE outputs.
- Either one or both of the PSE outputs can provide PoE power as long as the overall PSE output wattage is 2W less than the PD input.

Specifications	
Ports	1 PD input port 802.3af or 802.3at 2 PSE port 802.3at (limited PD input)
Dimensions	5.31” L x 3.03” W x 1.06” H
Warranty	2 years
Unit Weight	0.56 lbs.
Standards	IEEE
Modes	10BASE-T, 100BASE-TX, and 1000BASE-T
Input Power	Supplied by either 802.3at or 802.3af
LEDs	Link/Status and Connection Speed
Operating temp.	-10° C to 50° C (14° F to 122° F)
Part Number	011258

Technical Details
- All ports are 10/100/1000Mbps (10BASE-T, 100BASE-TX, 1000BASE-T) auto sensing based upon the port's individual connection
- Each port has auto MDX - any port can be used as the uplink connection
- Fully compliant to IEEE 802.3x standard
- Automatic address learning, address aging and address migration
- Integrated lookup engine with 4k unicast MAC addresses

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Typical Installation

2-Port PoE Gigabit Port Mirroring Switch

Laptop Running WireShark

PoE

PoE

Gigabit PoE Switch

PoE-powered IP Phone