3-Port USB Gigabit Port Mirroring Switch

The CyberData 3-Port USB Gigabit Port Mirroring Switch enables users of a network-attached device to split a single Gigabit Ethernet port into two Gigabit Ethernet ports for diagnostics purposes.

Engineers, Programmers and Field Service Personnel can utilize this Port Mirroring function to monitor the network traffic to and from that device with network-monitoring software such as WireShark.

Power for the switch can be supplied by the host PC's USB port or from a standard +5V USB phone/camera charger.

Technical Details

- All ports are 10/100/1000 Mbps 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 802.3u standard
- 9216-byte jumbo packet length forwarding at wire speed
- Automatic address learning, address aging and address migration
- Integrated lookup engine with 1k unicast MAC addresses
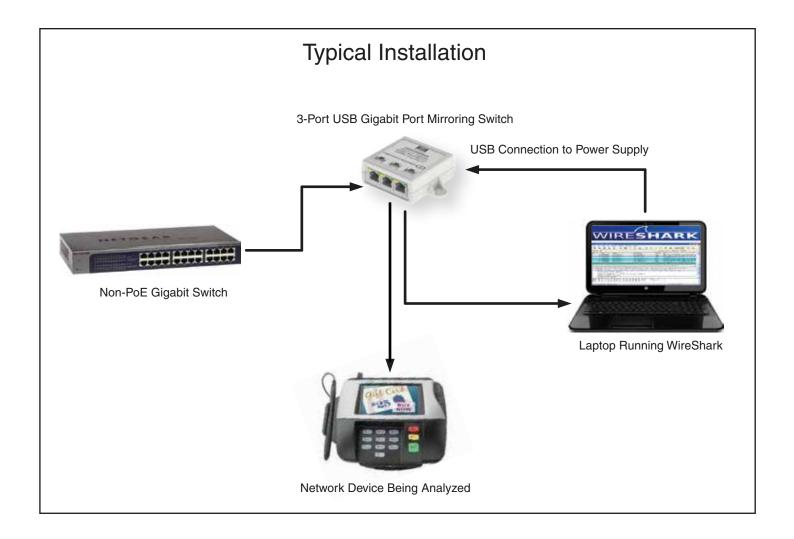- 1.4Gbps high performance memory bandwidth

Specifications	
Ports	3 x RJ45, 1 x USB-B
Dimensions	2.75" L x 3.78" W x 1.1" H
Warranty	2 years
Unit Weight	0.2 lbs.
Part Number	011236
Standards	IEEE 802.3u
Modes	10BASE-T, 100BASE-T, 1000BASE-T
Power	350 mA at 5 volts (supplied by either a USB or 5V source)
LEDs	Link/Status and Connection Speed
Operating temp.	-10º C to 50º C (14º F to 122º F)
Boxed Weight	0.3 lbs.
Part Number	011259

Features

- Port Mirroring
- 3-port auto-negotiating (no cross or cable required)
- 10/100/1000 full duplex
- USB or +5V-powered
- Link/Status and connection speed LEDs
- Low power
- RoHS compliant
- USB A to B cable included

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Typical Installation

3-Port USB Gigabit Port Mirroring Switch

USB Connection to Power Supply

Non-PoE Gigabit Switch

Laptop Running WireShark

Network Device Being Analyzed