



10/100/1000 Bypass Switch



Net Optics 10/100/1000 Bypass Switches provide a permanent and trouble-free access port for in-line network security and monitoring devices. The Bypass Switch automatically switches network traffic through added in-line devices or bypasses devices that are about to be removed. Prevent link failure when attached IPS and IDS devices lose power by powering the Bypass Switch and in-line device from the same power source.

The 10/100/1000 Bypass Switch supports fail-open monitoring with any 10/100/1000 GigaBit in-line device when it shares the same power source as the in-line appliance. While the GigaBit Bypass Switch is receiving power, it diverts network traffic to attached in-line devices. In this state, all in-line traffic is routed directly to the device connected to the GigaBit Bypass Switch.

When the 10/100/1000 Bypass Switch loses power, in-line traffic continues to flow through the network link, but is no longer routed through the device. This allows the network devices to be removed and replaced without network downtime. Once power is restored to the Bypass Switch, network traffic is seamlessly diverted to the in-line device, allowing it to resume its critical functions.

All network and monitoring cables necessary for plug-and-play deployment are included.

Passive, Secure Technology

- Fail-open monitoring with any 10/100/1000 GigaBit in-line appliance at speeds of 1000 Mbps
- Increased reliability on critical network links
- High-speed switching with minimal insertion loss

Ease of Use

- LED indicators show power, speed, link, and activity status
- Front-mounted connectors support easy installation and operation
- Silk-screened application diagram illustrates all connections for easy deployment
- Optional 19-inch rack frames holds two Bypass Switches
- Tested and compatible with all major manufacturers' in-line monitoring devices

Technical Specifications:

Operating:

Operating Temperature: 0°C to 40°C

Storage Temperature: -10°C to 70°C

Relative Humidity: 10% min, 95% max, non-condensing

Mechanical:

Power Supply:

Input: 100-240V, 0.5A, 47-63Hz

Output: 5V 1.5A

Dimensions: 1.25" high x 4.2" deep x 4.5" wide

Cable Interface:

Copper Cable Type:

22-24 AWG unshielded twisted pair cable, CAT5/CAT5E

Link Distance Supported: 100 meters

Connectors:

Monitoring Ports: (2) RJ45, 8 pin connectors

Network Ports: (2) RJ45, 8 pin connectors

Control Port:

96476 Model: (1) RJ45, 8 pin connector

Certifications:

Fully RoHS compliant

Part Number	Description
BP-CU3	10/100/1000 Bypass Switch
RK-3	Three-Slot Rackmount Frame
RK-12	Twelve-Slot Rackmount Frame

All products include a 1 year manufacturer's warranty. An additional 1 or 2 year extended warranty may also be purchased.