

BLACK BOX[®]

NETWORK SERVICES

3Com SuperStack II Switch 3900

This stackable, 10- or 100-Mbps autosensing Switch comes in 24- and 36-port models.

Key Features

- ▶ 10/100 autosensing ports.
- ▶ Nonblocking line-rate performance.
- ▶ Stack up to four Switches to get 144 10/100 Ethernet ports.
- ▶ Provide support for multiple VLANs, end-to-end RMON, and fault tolerance.
- ▶ Conforms to IEEE 802.1Q and 802.1p standards.
- ▶ IGMP Snooping isolates IP traffic.
- ▶ Choose from Web-based, SNMP, or Telnet console management.

Planning on migrating to Fast Ethernet? The 3Com SuperStack II Switch 3900 gives you 24 or 36 autosensing 10/100 Mbps Ethernet ports.

The Switch uses nonblocking switching, so you won't lose packets or encounter delays even under maximum Ethernet network traffic loads.

The Switch's IGMP Snooping feature conserves network bandwidth by keeping IP multicast traffic isolated to the desired ports.

You also get industry-standard IEEE 802.1Q VLAN support for automatic distribution of standards-based VLAN information throughout a network.

And traffic is prioritized according to industry-standard IEEE 802.1p Class of Service.

Included as standard is built-in RMON management support for proactive network management.

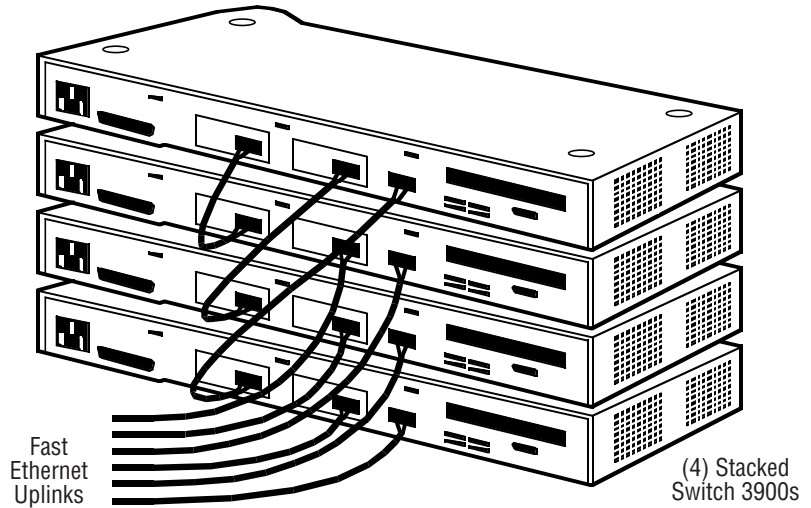
Also included as standard are integrated Web-based, SNMP, and Telnet console management.

A roving analysis port automatically adjusts for speed.

Typical Application

Migrate existing switched 10 Mbps networks to switched 100 Mbps.

Stack up to four switches for up to 144 10/100 Ethernet ports.



Technically Speaking

The Switch offers buffering, trunking support, and virtual networking.

- Extensive buffering handles any port contention issues. Each Fast Ethernet port has 256 KB of memory for standard priority traffic and 64 KB for high-priority traffic.
- The Switch supports multiple parallel active links (trunking) on both Fast Ethernet ports. Trunking also protects against cable and equipment failure by providing link redundancy between switches.
- VLANs allow PCs, workstations, and printers/file servers to be organized into logical, topology-independent broadcast domains so that only devices within the same domain can communicate with each other.

For these and other components...

Call our expert Technical Support Staff for all your LAN needs. They'll help you find the best equipment for your application.

Ordering Information

This information will help you place your order quickly.

PRODUCT NAME	ORDER CODE
3Com SuperStack II Switch 3900 24 Port	3C39024
3Com SuperStack II Switch 3900 36 Port	3C39036

Specifications

Number of Fast Ethernet (10/100 Mbps) Ports — 3C39024: 24; 3C39036: 36	VLAN Support — Yes
Switching Performance — 9.8 million pps	Layer 3 Capability — Fast IP
RMON Support — For 7 groups	Roving Analysis Port — Yes
Port Trunking (Number of Fast Ethernet links per trunk group) — 6	Throughput — 9,800,000 pps
Web Management — Yes	Size — 6.6 x 44 x 30 cm
MAC Addresses Supported — 16,000	Weight — 4.5 kg