



Press Release for Pakedge SW24-GBM and SW16-GB

For Immediate Release

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Pakedge SW24-GBM Fully Managed 24-Port and SW16-GB 16-Port SFP Gigabit Ethernet Switches Are Designed For Easy Custom Installation

Foster City, CA – [Pakedge Device & Software](http://www.pakedge.com) now offers its **SW24-GBM Fully Managed 24-Port Gigabit Ethernet Switch** and **SW16-GB 16-Port Gigabit Ethernet Switch**, two connectivity products that combine ease of installation with versatile features for home networking, multiroom audio/video, security systems, and enterprise-class applications that maximum performance and reliability.

The SW24-GBM is a fully managed switch, allowing installers to configure its operation via either a command-line interface (CLI) for more sophisticated applications, or via a graphical user interface (GUI) via the web. The SW16-GB offers easy “plug and play” gigabit connectivity.

The SW24-GBM will soon be available pre-configured with a Pakedge router with four standard VLANs (Virtual Local Area Network) and one secure guest network VLAN, for reduced setup and installation time. Adding to its flexibility, the SW24-GBM has a port panel label that can be modified by the dealer according to the desired number of ports per VLAN.

For both the SW24-GBM and the SW16-GB, all cables are installed from the rear. This feature was pioneered by Pakedge and unique to the custom-installation market, and enables a clean, uncluttered installation in a structured wiring panel, equipment rack, cabinet or on a shelf. Blue front-panel LED status indicators provide real-time status monitoring. The SW24-GBM and SW16-GB are both SFP (small form-factor pluggable) fiber devices, with a standard 1 U rack space height (rack-mount hardware is included).

The SW24-GBM and SW16-GB have plug-and-play (NWay protocol) auto-negotiation capability, allowing the switches to auto-detect a connected device with the fastest available 10/100/1000 Mbps network speed. Their Auto-MDI/MDI-X port functionality eliminates the need for crossover cables to connect devices in the network. The SW24-GBM provides two fiber SFP ports, while the SW16-GB has one fiber SFP port.

The Pakedge SW24-GBM Fully Managed 24-Port Gigabit Ethernet Switch and SW16-GB 16-Port Gigabit Ethernet switch come with the switch unit, power cable, rack mount ears and quick-start guide, and will be available before CEDIA 2010. Please contact sales@pakedge.com for pricing.

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COMPANY PROFILE:

Pakedge Device & Software creates innovative networking products for people who demand performance, features, and reliability. Our products use the most advanced wireless and networking technology. They are designed for professionals to install and consumers to enjoy. For more information and system specifications, visit www.pakedge.com.



Pakedge SW24-GBM 24-Port Gigabit Ethernet Switch



Pakedge SW16-GB 16-Port Gigabit Ethernet Switch

SW24-GBM Key Features

Device Management:

- Network management through Web GUI, command-line interface (CLI), and Telnet
- Can save configuration files and upload them for one-step configuration of multiple devices
- Auto-logging for easy debugging
- User password protection

Standards:

- IEEE 802.3 Ethernet, IEEE 802.3u Fast Ethernet, and IEEE 802.3ab 1000BASE-T Gigabit Ethernet

Protocol features:

- Full-duplex flow control (IEEE 802.3x), and half-duplex backpressure
- Support for 802.1Q VLAN, Port-based VLAN, and IEEE 802.1Q Tag VLAN
- Supports 802.1P, DSCP/COS
- Supports IEEE 802.1D Spanning Tree and IEEE802.1W fast spanning tree protocols

Ports:

- more -

- 24 ports, 10/100/1000Mbps UTP/STP RJ45 (MDI/MDIX supported)
- Port trunking and bandwidth control
- Configurable port speed, duplex mode, and priority queues
- Port-based mirroring

Security:

- Port security control, broadcast storm control, and address aging
- Support for static port priority and IEEE 802.1p priority
- Supports IGMP snooping

VLAN Features:

- Supports MTU VLAN
- IP address configuration through the VLAN management interface

MAC Address Management:

- Full MAC address management, including MAC address auto-scanning, filtering, and self-learning
- Supports configuration of MAC address aging time
- Supports maximum 8K MAC address table
- Supports IP address and MAC address binding

Other Features:

- SNMP; LACP link aggregation; supports ARP setup; supports ARP flooding protection; 2 SFP expanding modular socket interfaces: 1000M fiber/UTP module; built-in universal power supply

SW16-GB Key Features

- Ports: 16 - 10/100/1000Mbps RJ-45 gigabit ports
Supports the NWay protocol to automatically detect network speed (10/100/1000 Mbps) and duplex mode (half/full)
- MDI/MDI-X auto crossover
- Full and half-duplex operation on all ports
- Supports back-pressure (half-duplex) and flow control (IEEE 802.3x)
- Wire-speed packet filtering and forwarding rate
- Store-and-forward architecture filters fragments and CRC error packets
- Supports 8K MAC address entries in whole system
- Supports 9K-byte jumbo frames

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