



Press Release for Pakedge S48 48-Port Gigabit Ethernet Switch

For Immediate Release

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Contact: Nick Phillips, 650-385-8712, nick@pakedge.com
Frank Doris / Media Relations, 631-645-5668, frankdoris@optonline.net

**Pakedge Introduces Its S48 Fully Managed 48-Port Gigabit Ethernet Switch
at CEDIA 2011, Designed For Easy Custom Installation**

Foster City, CA – At CEDIA 2011 [Pakedge Device & Software](#) is introducing its **S48 Fully Managed 48-Port Gigabit Ethernet Switch**, which combines ease of installation with versatile features and is ideal for large-scale home networking, multiroom audio/video, security systems and enterprise-class applications that require maximum performance and reliability.

The S48 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 S48 will 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 S48 has a port panel label that can be modified by the dealer according to the desired number of ports per VLAN.

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 S48 is an SFP (small form-factor pluggable) fiber device, with a standard 1U rack space height (rack-mount hardware is included). Adding to its versatility, the S48 can be stacked to accommodate more complex installations.

The S48 has plug-and-play (NWay protocol) auto-negotiation capability, allowing it to auto-detect a connected device with the fastest available 10/100/1000 Mbps network speed. Its Auto-MDI/MDI-X port functionality eliminates the need for crossover cables to connect devices in the network. The S48 also provides two fiber SFP ports.

The Pakedge S48 Fully Managed 48-Port Gigabit Ethernet Switch comes with the switch unit, power cable, rack mount ears and quick-start guide, and will be available in fall 2011. Please contact sales@pakedge.com for pricing.

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 S48 48-Port Gigabit Ethernet Switch

S48 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:

- 48 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

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Pakedge is exhibiting at the Indiana Convention Center, Booth 4267 during CEDIA 2011 in Indianapolis, IN.