



Press Release for Pakedge RSB-K24C

For Immediate Release

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**New Pakedge RSB-K24C Pre-Configured Audio/Video Bridging System
Makes Installing Networked A/V Systems Easier**

Foster City, CA – [Pakedge Device & Software](#) now offers its RSB-K24C Pre-Configured Audio/Video Bridging System, a versatile router/gateway security unit that is designed to meet the specific needs of networked custom-installation home entertainment and multiroom A/V systems.

Audio/video systems are increasingly being integrated into computer networks in custom installation systems and smart home networks, and sharing the same physical wiring. However, unlike computer data, which can tolerate a certain level of unpredictable latency, audio and video streaming and control signals cannot. These types of data require stable transmission so that audio and video streams arrive in time, and that IP-based controls don't lose critical command packets.

Viktor Pak, President and CEO of Pakedge pointed out: "Audio Video Bridging, or AVB, is an emerging standard for ensuring the proper transmission of audio, video and control signals over networks – and AVB is creating a need for an entirely new class of connectivity products. Our RSB-K24C was created to meet this need with a system that is pre-configured for easy installation at fraction of the cost of other products, and provides enterprise-class reliability."

The RSB-K24C includes the RT-50V Audio/Video Bridging Router, SW24-GBVC Audio/Video Bridging Switch with 24 VLAN ports plus 2 Fiber ports and the RMB-FG Router Rack-Mount Bracket. The RT-50V and SW24-GBVC are preconfigured "out of the box," to divide the network into four separate VLANs or subnets to most efficiently manage traffic, broadcast and priority for all connected devices. All the ports are color-coded for A/V components, computer devices and control hardware.

The simplicity of the RSB-K24C and that fact that the VLANs and VLAN QoS (Quality of Service) are pre-programmed enables the installer to complete an installation quickly and without difficult programming. A fully separate guest network VLAN is also preprogrammed so that guest users have no access to any other part of the network except for the guest VLAN and the Internet.

Up to 22 ports are available that can be used on any VLAN. The system's built-in [CHECK] graphical user interface (GUI) enables easy port assignment. In addition, two fiber-optic ports are provided to accommodate longer, fiber-optic cable runs.

Each device can be prioritized – devices that require 100 percent smooth communication, for example, audio/video streaming and VoIP phones, can be assigned the highest priorities. The RSB-K24C can be stacked with additional Pakedge switches for larger installations. Although pre-configured, the RSB-K24C can also be highly customized. The RSB-K24C also offers additional subscription services such as

Internet gateway security with annual anti-virus, anti-spam and Intrusion Prevention Service (IPS).

The Pakedge RSB-K24C Pre-Configured Audio/Video Bridging System is shipping now. 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.

IMAGE TK



KEY FEATURES AND SPECIFICATIONS

- LAN/WAN/DMZ interfaces 3/2/NA
- DHCP/PPPoE Client/Server
- Static/dynamic routing
- Network standards compatibility: IEEE 802.3i 10BASE-T; IEEE 802.3u 100BASE-TX, 100BASE-FX; IEEE 802.3ab 1000BASE-T; IEEE 802.3z 1000BASE-X; IEEE 802.3x flow control
- RJ45 connectors for 24 ports
- Comprehensive security protection
- Full complement of switch management options
- Number of VLANs: 1024 (1-4093)
- Number of trunks: 64
- Number of queues: 8
- Number of static routes: 32
- Number of routed VLANs: 32
- Command line interface via console port; web-based management via embedded HTTP server protected with Secure Sockets Layer (SSL) Telnet remote login
- QoS support
- All-steel construction, 2U high, rack-mount-ready

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