VPN router LANCOM 1781AW with multimode ADSL and 802.11n WLAN

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The latest addition to LANCOM's new generation of routers

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Aachen, January 9, 2012—LANCOM Systems launches the LANCOM 1781AW, successor to the successful LANCOM 1821n Wireless. Like the other new-generation routers, this model is based on a high-performance hardware platform with many times more memory and a faster processor. This ensures that the free LCOS updates from LANCOM can be installed for years to come. The business router is ideal for modern companies that require versatile devices for site connectivity, such as for their branch offices and subsidiaries at home and abroad.

The LANCOM 1781AW has an integrated multimode ADSL2+ modem for ADSL connections of the Annex A, B, J or M standard. This allows it to operate with all European ADSL lines—including new-generation "all-IP" connections. It also features an integrated 300-Mbps wireless LAN module that transmits in the 2.4- or 5-GHz frequency range. Standard equipment includes a comprehensive range of security features, such as fully functional 802.11i with WPA2 and AES encryption, and also 802.1x/EAP (WPA Enterprise).

The new green Gigabit Ethernet switch provides power-saving functions as per 802.3az for energy-efficient networks, and allows for a fanless design of the device. Four user-configurable ports can be used for LAN, WAN (up to 4x load balancing with additional ADSL, SDSL, VDSL or cable modems), DMZ, VLAN, or monitoring. The high-speed USB 2.0 port supports devices such as printers and even selected cellular modem sticks as an Internet access backup. It is also possible to upload preprogrammed configurations into the router from USB stick.

Flexibility through virtualization

The ARF and multi-SSID functions support up to sixteen virtual networks, each with its own DHCP, DNS, routing and firewall settings in the LAN and wireless LAN, and all of which are securely separated from one another. This enables the network to be flexibly divided up, for example to keep business and private use separate.

Security and backup included

The LANCOM 1781AW supports all current security standards for WLAN networks. In addition, a stateful inspection firewall protects the network against attacks from the Internet.

Like all LANCOM WLAN routers, this device supports remote configuration and management. Furthermore, the WLAN module can be fully managed by a LANCOM WLAN controller for 24/7 monitoring of security policies and Quality of Services guidelines. This means that there is no need for IT expertise at the branch office.

The LANCOM 1781AW is available now at a price of EUR 679 excluding VAT. The device comes with 5 IPSec VPN channels as standard, optionally upgradable to 25 channels. Other options include database-related Internet content filtering for up to 100 users, and a Public Spot option for operating public wireless LANs.

Further information is available from the LANCOM web site www.lancom.eu

Rohde & Schwarz Networks and Cybersecurity background:

Rohde & Schwarz Networks and Cybersecurity GmbH is the leading German manufacturer of reliable, innovative network solutions for large enterprises and SMEs, public authorities and institutions. The focus is on remote access and site connectivity based on virtual private networks (VPN) and on wireless networking (WLAN). Rohde & Schwarz Networks and Cybersecurity GmbH is headquartered in Würselen near Aachen and has sales offices in Munich, Barcelona and Amsterdam. The company's founder and Managing Director is Ralf Koenzen.

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