

**Profile 30a
supported**



ENKOM V6400(-I) **VDSL2 Router/Bridge**

1x VDSL / VDSL2 (RJ-11)

4x Fast Ethernet Ports (RJ-45)

CO or CPE Mode for P2P Applications

Design

The ENKOM xDSL Series contains powerful access devices which connects you easily to the World Wide Web. Each device is specially designed with a nice shape to cover the needs of the end-users.

Cost effective

The ENKOM Products are high-end devices with focus on high quality and best price by consolidating multiple connections in a professional way.

Eco friendly

The ENKOM Eco Design complies to the latest European power saving standards.

Customization

The ENKOM Products can be fully customized at your needs.

The famous, feature rich ENKOM Firmware makes the adaptation to your network fast and easy.

The ENKOM xDSL Series includes powerful devices terminating any fast, reliable broadband technology in order to support your needs of multiple services as Data, Gaming, IPTV, VoD and VoIP over a single, high-speed connection.

The ENKOM approach, one single high speed unit for all your application is eliminating the use of multiple devices at your Home.

The ENKOM Devices are a perfect fit for SoHo, SME or Extended networks. Each device combines routing and bridging functions in a single unit with the best price/performance ratio.

All the ENKOM xDSL Products are TR-069 compliant with most of the systems in the market. The TR-069 CPE WAN Management Protocol eases the management and will reduce your Hotline cost significantly.

ENKOM V6400 is an all-in-one VDSL2 Broadband Router. It is designed for home and SOHO users who seek for high-speed broadband access with VDSL2. The SOHO Firewall is integrated to provide protection against hacker attacks while the Quality of Service prioritizes queues and traffic for applications such as music downloads, online gaming, video streaming and file sharing.

With the built-in NAT default firewall, the advanced anti-hacker pattern-filtering protection features automatically detect and block Denial of Service (DoS) attacks. In addition, Packet Filtering provides high-level security for access control. Quality of Service Control prioritizes the traffic and allows users to enjoy smooth traffic while running applications such as P2P or multimedia through the Internet.

Hardware Specifications

VDSL Compliance

- ITU G.993.2
- ITU-T G.994.1
- ITU-T G.997.1
- Band plans supported:
 - Plan 997 (symmetrical)
 - Plan 998 (asymmetrical)
- Supported profiles: 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a
- Supports Annex A, Annex B(B7-1->B7-10,B8-1->B8-16)
- Upstream/ Downstream connection rates 100/100Mbps
- OLR (On Line Reconfiguration), US0 Supported
- Supports Ethernet 802.3ah
- ADSL fallback not supported

Network Protocols and Features

- NAT, static routing and RIP-1/2
- NAT supports PAT and multimedia applications
- Transparent Bridging IEEE 802.1d Bridge
- Virtual Server and DMZ
- SNTP, DNS relay and DDNS
- IGMP snooping and IGMP proxy

Firewall / Security

- Stateful Packet Inspection (SPI)
- Build-in NAT Firewall
- Prevents DoS attacks including Land Attack, Ping of Death, etc.
- Remote access control for web base access
- Packet and URL filtering
- Password protection for system management
- VPN pass-through

Quality of Service (QoS)

- Supports the DiffServ approach
- Traffic prioritization based-on IP protocol, port number and address
- Bridge mode with auto queuing of 802.1p-Bits in upstream direction

Management

- Quick Installation Wizard
- Web-based for remote and local management
- Firmware upgrades and configuration data upload/download via web-based interface
- Embedded Telnet server for local management
- SNMP v1/v2/v3, MIB-I and MIB-II support
- Available Syslog monitoring
- Supports DHCP server/client/relay
- Mail Alert
- TR-069 supports remote management

Physical Interfaces

1x VDSL/VDSL2 port

4x 10/100 Mbps Fast Ethernet ports, auto-crossover (MDI /MDI-X) Switch

Factory default reset button

Power jack

Power switch

Power Requirements

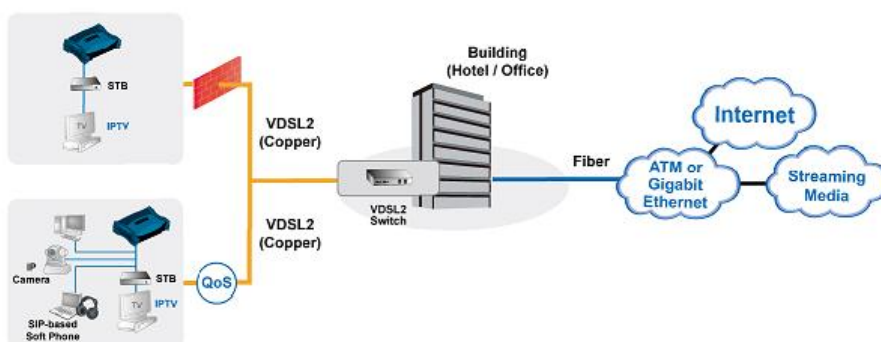
12VDC / 1A (input power)

Dimension:

40mm (H) x 180mm (W) x 120 mm (D)

Certificate

CE / FCC



Ordering Number

ENKOM V6400 (Annex A)

▪ **E6004-A024**

ENKOM V6400-I (Annex B)

▪ **E6004-A025**

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