PROSCEND®

Description

Proscend 160 VDSL2 Router is a single-VDSL2-port router with 4 10/100Mbps Ethernet ports. With the latest VDSL2 technology (ITU G.922.3), it delivers the extraordinary bandwidth and supports up to VDSL2 profile 30a; and, it is perfectly suitable for triple play applications (video, voice and data). VDSL2 160 Router is a cost effective solution and delivers high-speed Internet access to end-users over existing copper wire infrastructure. Also, it is designed to meet the requirements of ISPs and carriers that intend to use one DSL device to cover end users in different loop range areas. In addition, it provides a great flexibility for their end-users to comply today's rapid-changing Internet demands. Based on the latest VDSL2 technology, VDSL2 160 Router presents a cost-effective solution with a high-speed Internet access over a standard copper telephone cable.

Features

· Build-in VDSL2 modern with a support up to VDSL2 profile 30a.
· Supports up to 100Mbps for both Upstream and Downstream.
· Build-in UPnP available, which allows automatic discovery and the Broadband Router's configuration.
· IP/MAC address filtering
· Dynamic IP assignment
· Support QoS to enhance traffic efficiency

· IGMP Proxy and fast leave
· DHCP Server
· DNS Proxy
· Embedded SNMP agent
· Web-based management with an user friendly interface
· Configuration backup and restoration

Specifications

VDSL2 standards:
- Compliant with ITU VDSL2 standard G.993.2 Annex A, Annex B and Annex C
- Support VDSL2 profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a and 30a
- Band plan profile: symmetric (Plan 997) and asymmetric (Plan 998)

Management:
- Web-based GUI for quick setup, configuration and management
- Firmware upgradable from Web
- SNMP management with SNMP agent and MIB II

LAN:
- Filtering functions for MAC/IP/Port.
- Port Based VLAN & IEEE 802.1q VLAN Tagging
- Port configuration for Bandwidth/Duplex/Speed/Flow control

QoS:
- Port Based
- 802.1p
- IP DSCP
- TCP/UDP Priority
- Scheduling Algorithms: WRR/WFQ/SP/BE

Routing:
- Static routing and RIP v1/v2(RFC 1058/2453)
- Support IP/TCP/UDP/ARP//IGMP
- IGMP snooping
- NAT ALGs for ICQ/NetMeeting/MSN/Yahoo Messenger
- DNS relay and caching (RFC 1034/1035)
- DHCP server
- IP precedence (RFC 791) (Firewall router)

Firewall:
- DMZ host/Multi-DMZ/Multi-NAT function
- Virtual server mapping (RFC1631)
- VPN pass-through for PPTP/L2TP/IPSec tunneling
- User access control: deny certain access of PCs to Internet (Firewall Router)

Interfaces:
- **Ethernet:**   4 X RJ-45 connectors for Ethernet 10/100Mbps ports with Auto-MDI/MDIX
- **VDSL :**   1 X RJ-11 connector for VDSL2 port

Order Information

160	VDSL2 Router with 4-Port Ethernet