

VDSL+ WiFi+ VoIP Home Gateway

Product Introduction

This device is an uplink port use a Ethernet Port, 4 ports 10/100Mbps auto MDI/MDIX Ethernet Switch and 54Mbps IEEE 802.11g wireless connectivity. And support a VOIP.It is an ideal solution for the residential users, it is for both the single user with Bridge mode in host based PPPoE Client or for multi-users utilizing this device inbuilt PPPoE, IP routing,NAT functionality to share the Ethernet uplink port. It comes with stateful packet inspection firewall and DMZ support for full security options against malicious hackers.

Main Features

- Wireless Ethernet IEEE 802.11b/g support
- USB Plug-and-play installation
- VOIP

Technical Specifications

Protocol Support

- Support half duplex/full duplex
- Support IEEE802.3/802.3u
- Support auto MDI/MDIX
- Support 10Base-T/100Base-TX

Encapsulation

- RFC2516 PPP Over Ethernet (PPPoE)
- RFC1662 PPP in HDLC-like Framing
- RFC1332 PPP Internet Protocol Control Protocol
- RFC1483R
- RFC894 A Standard for the Transmission of IP Datagrams over Ethernet Networks
- RFC1042 A standard for the Transmission of IP Datagrams over IEEE 802 Networks
- Support ALG(Application Level Gateways)

Bridging

- Support self-learning bridge (IEEE 802.1D Transparent Bridging)
- Support 64 MAC addresses learning at least

Routing

- RFC768 User Datagram Protocol (UDP)
- RFC791 Internet Protocol (IP)
- RFC792 Internet Control Message Protocol (ICMP)
- RFC793 Transmission Control Portocol (TCP)
- RFC826 An Ethernet Address Resolution Protocol (ARP)
- RFC862 Echo Portocol
- Support IP routing

- Support transparent bridging
- Support source and destination routing
- Support DHCP server/client/relay
- Support UPnP
- Support NAT、NAPT
- Support DMZ
- Support IP Unnumber
- Support IP QoS

Manage

- Support RFC 854 Telnet Protocol Specification(TELNET)
- Support Command Line Interface (CLI)
- RFC1350 Trivial File Transfer Protocol(TFTP)
- RFC1157 A Simple Network Management Protocol(SNMP)
- RFC1904 Conformance Statements for Version 2 of the Simple Network Management Protocol (SNMPv2)
- RFC1905 Protocol Operations for Version 2 of the Simple Network Management Protocol (SNMPv2)
- RFC1906 Transport Mappings for Version 2 of the Simple Network Management Protocol (SNMPv2)

Security

- Support PAP (RFC1334), CHAP (RFC1994) for PPP session
- Support IP filter
- Support DOS (Denial of service) which detect & protect a number of attacks (such as SYN/FIN/RST Flood, Smurf, WinNuke,Echo Scan, Xmas Tree Scan)
- Support remote access control

Interface

- 4 10/100Mbps MDI/MDIx Ethernet ports
- 1 USB2.0 Host
- 1 FXS ports

Power

- Output: DC15V, 2A
- Consumption: < 25W

Environment

- Operating temperature : -10℃ to 45℃
- Storage temperature: - 40℃ to 60℃
- Relative Humidity: 10%-90%(no freezing)
- Storage Humidity: 5%-95%