

# Eo-104 Wn

## 11n Wireless ADSL2/2+ IP TV Router



**Ideal for IP-Streaming & High Speed Internet Access (HSIA)**

### **FEATURES**

- ▣ Compliant to the most updated ADSL2/2+ standards
- ▣ Support ADSL2+ downstream data rate of up to 24Mbps
- ▣ Built-in Quick Setup Wizard to easily establish ADSL connection
- ▣ Embedded Firewall features for secure data communication
- ▣ IEEE 802.11n 2T2R WLAN supports up to 300Mbps/300Mbps rate
- ▣ Support WEP, WPA, WPA2 and 802.1X based Encryption
- ▣ ATM Layer with Traffic Shaping QoS support



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- ▣ Supports UBR, CBR and VBR Service Classes
- ▣ Support up to 8PVCs
- ▣ Support VLAN/MSSID functionality
- ▣ Support IEEE 802.3x compliant Ethernet Switch interface
- ▣ Hardware Reset button for fast default setting recovery
- ▣ Web-based Management, Configuration and Firmware Upgrade
- ▣ Support WPS feature
- ▣ Interoperable with all major DSLAMs
- ▣ Ideal for IP-Streaming & High Speed Internet Access (HSIA)

## **SPECIFICATIONS**

### **ADSL**

- ANSI T1.413 i2, G.992.1 and G.992.2 ADSL standard compliant
- G.992.3 and G.992.5 ADSL2 and ADSL2+ standard compliant
- Downstream/Upstream data rate up to 24Mbps/1Mbps

### **ATM**

- Support up to 8 distinct PVCs
- Support VC and LLC Multiplexing
- Support UBR, CBR, VBR-rt and VBR-nrt Traffic Shaping QoS
- Support ATM AAL5 adaptation functionality
- Support F4/F5 OAM Cells

### **ETHERNET INTERFACE**

- 4 Port Switch Interface compliant with IEEE 802.3x standards
- Automatic MDI/MDIX crossover for 10/100 Base-T port
- Auto-negotiation and speed-auto-sensing support
- Support VLAN functionality

### **BRIDGING/ROUTING**

- RFC2684 (RFC1483) – Bridged/Routed
- RFC2225 (RFC1577) – IPoA
- RFC2364 – PPPoA
- RFC2516 – PPPoE
- Support IEEE 802.1d Transparent Bridging
- NAT with extensive ALGs support
- Support Static Route
- Support RIP v1 and v2
- Support DHCP Server/Client/Relay



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- Support DNS Proxy
- Support IGMP Proxy
- Support Port Mapping/Forwarding
- Support Port Triggering
- PAP and CHAP PPP Authentication

#### **SECURITY**

- Support IP Filtering
- Support Port Filtering
- Support DMZ
- Support MAC/Bridge Filtering
- Support URL Blocking
- Embedded firewall functionality

#### **WIRELESS**

- IEEE 802.11b/g/n standards compliant
- Support data rates up to 300Mbps ( Auto-Rate Capable )
- Support WEP/WPA/WPA2/802.1X Encryption for data security
- Support WDS and WPS
- Support Multi BSSID ( up to 4 MBSSIDs)

#### **NETWORK MANAGEMENT**

- Support IP QoS
- Web-based Control / Management
- Remote Access Control
- Remote Telnet
- SNMP v2 (Support TRAP)
- ATM PVC Remote Management
- Firmware upgrade via HTTP/TFTP/FTP
- Built-in diagnostic function
- System Log



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## **Transmit Power**

- 17 dBm typically @ 802.11b
- 15 dBm typically @ 802.11g
- 13 dBm typically @ 802.11n

## **PHYSICAL**

- ▣ Dimension: 161mm (L) X 113mm (W) X 25 mm (H)
- ▣ Weight : 250 grams

## **HARDWARE INTERFACE**

- ▣ One RJ-11 ADSL2/2+ Connector
- ▣ Four RJ-45 LAN Connector
- ▣ One Reset Button for factory default setting recovery
- ▣ One Power adaptor connector
- ▣ Status LED Indicator

## **ENVIRONMENTA**

- ▣ Operating Temperature: +5 ~ +45 □
- ▣ Humidity: 5% ~ 95% RH (non-condensing)
- Storage Temperature: -20 □ ~ 60 □

## **APPROVALS**

- ▣ FCC Part 15, CE, EN60950 (LVD)
- ▣ RoHS compliance