

# ATU-R130

## SOHO ADSL Ethernet Router/Bridge



The new SOHOSpeed ADSL router greatly simplifies DSL WAN and LAN connectivity. It provides full Ethernet bridge and router functionality along with proven ADSL performance and interoperability. It is simple, easy-to-use, and powerful CPE device that makes it possible for a network computer to access one ISP account with ADSL line. The SOHOSpeed ADSL router connects to the 10/100 Based-T Ethernet interface of individual PCs or LANs

With Web-browser based configuration, the ADSL router provides quick and easy installation. It features a stylish, compact design and is ideally suited to the SOHO environment.

### Features:

- ▶ Annex A or B support
- ▶ U-R2 compliant for Annex B
- ▶ Cost-effective sharing of a single DSL connection
- ▶ Plug-and-Play for installation on computer with Ethernet
- ▶ Ethernet and USB (optional) support for LAN connection
- ▶ Management through SNMP, HTTP, and Telnet
- ▶ TR-037 Compliant (DSL CPE auto-configuration)

### Specifications

#### Software Specification

<b>ADSL Modem</b>	ANSI T1.413 issue 2, ITU-T G.992.1 (G.dmt), G.992.2 (G.lite) compliant Full rate transmission at up to 8 Mbps downstream and 1024 Kbps upstream
<b>PPP supports</b>	PPP over ATM (RFC 2364) PPP over Ethernet (PPPoE, RFC 2516) PPP over AAL5 (RFC 2364)
<b>ATM Attributes</b>	Supports up to 8 Virtual Channel Connections (VCCs) Supports UBR and GFR services OAM F5/F4 Ethernet over ATM (RFC 1483) IP over ATM (RFC 1577) AAL layer (AAL5 & SAR)
<b>Bridge Mode</b>	Up to 1000 hosts Ethernet to ADSL self-learning Transparent bridging (IEEE 802.1D) Supports bridged PDU encapsulation (RFC 2684) Supports MAC address learning Supports bridge filtering and forwarding function

## Specifications

### Software Specification

<b>Router Mode (Router only)</b>	RIP1 & 2 dynamic and static routing DHCP (RFC 1541)/ IPCP (Internet Protocol Configuration Protocol RFC 1332) Network Address Translation (NAT)/ Port Address Translation (PAT) Virtual Server Mapping DNS proxy PAP or CHAP for user authentication
<b>Quality of Service</b>	Unspecified Bit Rate (UBR), Guaranteed Frame Rate (GFR) and CBR
<b>Management</b>	Supports SNMP v1 MIB and MIBII Text-based that can be configured locally via console and remotely via Telnet TFTP and FTP for firmware upgrade, configuration backup and restore Web-based (HTTP) configuration Dying Gasp
<b>Security</b>	Layer 2 MAC Address Filtering, IP filtering and firewall NAT/PAT
<b>Regulatory Approvals</b>	FCC Part 15 ; FCC Part 68, CE, LVD,

### General Specification

#### Physical Interface

WAN interface:	One ADSL line RJ-11 port
LAN interface:	One LAN RJ-45 port for 10/100M Ethernet LAN connection
Console:	One RS-232 port for system configuration ( <b>Optional</b> )
USB:	One USB for PC connection ( <b>Optional</b> )
Reset Button:	For system re-boot
Power Switch:	For power on and off

#### LEDs/Indicators

PWR/WAN-LINK/WAN-DATA/LAN-LINK/LAN-DATA

#### Physical Specifications

Dimensions : 145 x 175 x 34 (LxW xH)mm  
Weight: TBD

#### Environment

Working:	0 C - 40 C
Storage:	-20 C - 70 C
Humidity:	10% - 90%

#### Power Requirement

Device Input : DC 9V/600mA +/-5% with  
power consumption < 10 W

## Ordering Information

### ATU-R130

Standalone type, supports both AC and DC, SNMP supported  
SOHO Speed ADSL Router/Bridge

### ATU-R130X/XX

#### Compliance Standard

- A** supports Annex A
- B** supports Annex B

#### The connectors on the rear panel

- S** ADSL Ethernet Router Modem with RJ-11 & RJ-45 port
- U** ADSL Ethernet Router Modem with RJ-11 & RJ-45 port & Console port and USB port

#### Example :

ATU-R130AS	ADSL Ethernet Router Modem supports Annex A and with RJ-11 & RJ-45, support AC power supply
ATU-R130BU	ADSL Ethernet Router Modem supports Annex B and with RJ-11 & RJ-45 & Console port & USB port, support DC power supply