

1132/1133 ADSL WIRELESS ROUTER/SWITCH



> THE TELINDUS 1132/1133 ADSL ROUTER/SWITCH COMBINES ULTRA FAST ADSL ACCESS TECHNOLOGY WITH INTEGRATED IP ROUTING AND AN INTEGRATED WIRELESS ACCESS POINT.

It can offer connectivity for end-users based on the 54 Mbps wireless access point, a 4-port built-in Ethernet switch or the integrated USB connection.

The line access of the router fully complies to all relevant ADSL standards, including G.DMT, G.Lite, ADSL2 and ADSL2+.

Targeted to provide IP connectivity to several workstations in a residential or SMB (Small and Medium Business) environment, it integrates the required PPPoE/A client, IP routing and NAT functionality.

Security is provided via a stateful packet inspection and NAT based firewall. VPN passthrough and DMZ support provide additional security for telecommuters while maintaining flexibility.

Units are available for both POTS lines (Annex A), as well as for ISDN lines (Annex B).

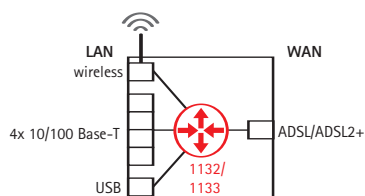
BOX CONTENTS

- > DSL modem with Antenna
- > External power supply
- > Line cable: RJ11
- > Ethernet cable: RJ45
- > Quick Start Manual
- > CD with drivers and documentation

SALES CODES

- > 191905 Telindus 1132 Wireless router/switch annex A
- > 191906 Telindus 1133 Wireless router/switch annex B

V 1132/1133 ADSL ROUTER



FEATURES & BENEFITS

- > G.DMT, G.LITE, ADSL2, ADSL2+ COMPATIBLE ADSL MODEM
- > INTEGRATED 54 MBPS WIRELESS ACCESS POINT

- > INTEGRATED 4-PORT ETHERNET SWITCH
- > INTEGRATED USB INTERFACE
- > INTEGRATED ROUTER
- > INTEGRATED FIREWALL

LINE INTERFACE

- > Single-pair ADSL/ADSL2/ADSL2+ line access
- > Connector: RJ11/RJ12
- > Coding: compliant to ITU-T G.992.1 (ADSL G.dmt), ITU-T G.992.2 (ADSL G.Lite), ITU-T G.992.3 (ADSL2 G.dmt), ITU-T G.992.4 (ADSL2 G.Lite), ITU-T G.992.5 (ADSL2+ DMT), ANSI T1.413 issue 2
- > Support for ITU-T annex A (Telindus 1132) or Annex B (Telindus 1133)
- > Rate Adaptive modem at 32 Kbps steps
- > Dynamic adaptive equalisation to improve carrier's service area
- > Bridge tap mitigation support

LAN INTERFACE

- > Compliant with IEEE 802.3 10Mbps HDX/FDX Ethernet
- > Compliant with IEEE 802.3u 100Mbps HDX/FDX Ethernet
- > 10/100Mbps auto-sense
- > Auto cross-over
- > RJ45 Unshielded Twisted Pair (UTP)
- > Number of interfaces: 4

WIRELESS INTERFACE

- > IEEE 802.11, 802.11b and 802.11g compliant
- > Conforms to Wireless Ethernet Compatibility Alliance (WECA) Wireless Fidelity (Wi-Fi) standard
- > Supports 802.11b and 802.11g simultaneously
- > Support seamless WLAN roaming
- > Frequency Band :
 - > 2412 MHz - 2462 MHz (North America/FCC)
 - > 2412 MHz - 2472 MHz (ETSI/Europe)
 - > 2412 MHz - 2484 MHz (Japan)
 - > 2457 MHz - 2472 MHz (France)
 - > 2457 MHz - 2462 MHz (Spain)
- > Support Direct Sequence Spread Spectrum (DSSS) technology
- > Modulation : OFDM with BPSK, QPSK, 16QAM, 64QAM, DBPSK, DQPSK, CCK
- > Wireless Media Access Protocol- CSMA/CA with ACK
- > Dynamic Rate Scaling from 54, 48, 36, 24, 12, 11, 9, 6, 5.5, 2, 1 Mb/s
- > Hardware accelerated AES/WEP/WPA based encryption
- > Operating Range of >300 Meters (Open Air)

USB INTERFACE

- > USB 1.1 Type B
- > Number of interfaces: 1

ATM SUPPORT

- > ATM layer with traffic shaping QoS support (UBR, CBR, VBR-rt, VBR-nrt)
- > AAL ATM attributes - AAL5
- > Multiple PVC up to 8
- > F5 OAM loopback/send and receive

ATM ENCAPSULATION PROTOCOLS

- > RFC2684 Bridge and Routed LLC and VC Mux support
- > RFC2364 PPPoA with PAP/CHAP/MS-CHAP client support
- > RFC2516 PPPoE with PAP/CHAP/MS-CHAP client support
- > RFC2225/RFC1577 classical IP support

IP ROUTING

- > Static IP, dynamic RIP routing support
- > IP/TCP/UDP/ICMP/ARP/RARP application support

- > Network Address Translation (NAT)
- > Port mapping/forwarding
- > Easy setup of port forwarding rules for popular games/applications
- > NAT Application Level Gateway (ALG) for popular applications
- > DHCP server/relay/client
- > DNS relay agent
- > Dynamic DNS client
- > DMZ support
- > Single session IPsec and PPTP/L2TP VPN pass through support
- > PPP always-on with configurable timeout
- > PPP dial-on-demand
- > IGMP multicast
- > UPnP

SECURITY SUPPORT

- > NAT for basic firewall support
- > Packet filtering firewall support
- > Bridge filtering
- > Web filtering
- > URL filtering
- > Stateful packet inspection support
- > Protection against denial of service attacks
- > Password authentication to modem

MAINTENANCE AND MANAGEMENT SUPPORT

- > Web based HTTP management GUI
- > Web based firmware upgrade (local)
- > Soft factory reset button via web GUI
- > Diagnostic test (DSL, OAM, Network, Ping test)
- > Telnet/CLI (optional)
- > Syslog support
- > System log
- > SNMP
- > Firmware upgrade-able for future feature enhancement
- > Reset button for reloading default configuration

OPERATING SYSTEM SUPPORT

- > For Ethernet & Wireless: OS independent
- > For USB: Windows 98SE, Windows ME, Windows 2000, Windows XP, Windows 2003

MEMORY

- > 16 MByte DRAM
- > 4 MByte Flash

FRONT PANEL INDICATIONS

- > POWER: Power (Red/Green)
- > E1..E4: LAN status of Ethernet ports (Green)
- > WIRELESS: Wireless LAN status (Green)
- > USB: USB communication status (Green)
- > DSL: ADSL line pair status (Red/Amber/Green)
- > INTERNET: PPP connection active (Green)

MECHANICAL DATA (H X W X D)

- > 38 x 177 x 119 mm, Weight: 350 g

POWER REQUIREMENTS

- > 9 Vdc, 1A, integrated power switch

MORE INFO:

TELINDUS
Geldenaaksebaan 335
B-3001 Heverlee
Belgium

TEL +32 16 38 20 11
FAX +32 16 40 01 02
E-MAIL productinfo@telindus.com
www.telindusproducts.com

TELINDUS

broadband solutions