2 VoIP Port Wireless ADSL2+ Gateway

FXO I USB Plug&Share I 4 Ethernet

- 1 Line (FXO), 2 Telephone (FXS) PSTN ports
- PSTN Life-line Support
- 54 Mbps 802.11g Wireless
- Air Touch: Simple setup button to securely connect WPS supported devices.
- ADSL2+ (24Mbps/4Mbps)
- 4 Ethernet (1 Port configurable as WAN Ethernet*), USB 2.0 Host Plug&Share ports (File and Printer Sharing Support)
- CPE WAN Management Protocol (TR-069, TR-098*, TR-111*, TR-104)
- CPE LAN Management Protocol (TR-064*)
- Two simultaneous VoIP calls
- No PC required for VoIP calls
- Reliable Audio Quality (QoS)
- Call Features (CLIP/CLIR, Call Waiting Speed Dial*)
- VLAN functionality (802.1Q*)
- Universal Plug&Play (UPnP IGD)
- VPN pass-through (PPTP, L2TP, GRE, IPSec)
- AutoMesh* Technology
- Advanced security with Statefull Packet Inspection Firewall and DoS protection
- Multi-language WebUI (English and Turkish)
- New stylish AirDesign Housing
- ADSL Usage Monitor
- Robust against wide voltage fluctuations
- AirTies Easy Setup CD (with animated instructions)
- Auto Firmware Update
- 3 year warranty
- 24x7 technical support

Make two simultaneous VoIP calls and start enjoying discounted calls.

ADSL2+ VoIP Gateway, Firewall, 1 Line (FxO), 2 FXS, 1 USB 2.0 Host, 4 Ethernet, Wireless Access Point , Router

Air 6271 is an all-in-one solution that can fulfill all your voice and data needs. You can use it to access the Internet over your ADSL line, to set up your local wireless network and to make phone calls over the Internet using a VoIP service provider.

Media Centre/Single Control Point: USB 2.0 Host port allows users to attach an external disk drive* or printer and share it on the network without having to dedicate a computer for this function

Remote Management: Auto-provisioning of LAN, WAN and VoIP setting via CWMP (TR-069, TR-098*, and TR-104) support. Also supports, Web, Remote Management, Telnet and legacy provisioning (FTP/TFTP/SFTP/HTTP)

Use your regular phone: No need for a computer, head set or a microphone

No special codes or prefixes: Dial the same way as you always do!

High sound quality: No dropped calls, no delay, no echo

Initiate VoIP phone calls and access the Internet at the same time

Expand your wireless coverage area with AirTies Mesh Technology: Set and sustain wireless links between APS and extend your range.

AirTies Easy installation and administration: Insert the installation CD and follow the animated on-screen instructions

ADSL Usage Monitor shows total download and upload amounts on a monthly basis.

Air 6271 was designed and developed by the AirTies local R&D team using advanced chipsets compatible with your local ADSL and PSTN telecom service provider infrastructure.

*will be available with firmware upgrade soon

Specifications

Main Features

- **All-in-one solution:** ADSL2+ Modem, VoIP Gateway with PSTN back-up, 1 FXO & 2 FXS ports, 54Mbps Wireless Access Point 4 ports Switch, 1 USB 2.0 Host (File and Printer Sharing Support*), Router and Firewall
- **Modem:** ADSL2+ modem (24Mbps download/ 4Mbps upload) optimized for your local ADSL service provider
- **Router:** DHCP server, DDNS, NAT, NAPT, Static router, VPN pass-through, 802.1Q VLAN*
- **Firewall:** Advanced anti-DoS SPI Firewall; URL, IP and MAC address based filtering, DMZ
- **Wireless communication at 54Mbsp 802.11g:** 54Mbps speed wireless Access point backward compatible with 11 Mbps 802.11b.
- **AirTies Mesh Technology:** Possibility to expand the wireless coverage area with AirTies products.
- **Wireless security:** WPA, WPA2-AES, 64/128 bit WEP, 802.1x standards
- **Air Touch:** Simple setup button to securely connect WPS supported devices.
- **VLAN support*:** Virtual LANs can be setup using Ethernet 1-4 and wireless.
- **Easy setup and management:** Universal Plug and Play (UPnP), AirTies Easy Setup CD (for both ADSL and VoIP; with animated instructions), user-friendly Utility Program and User Manual
- **Easy Update:** Firmware (software) upgrades via the Advanced Settings Web interface.
- **Remote Management:** TR-069, TR-098*, TR-104, TR-111*, TR-064* Web, Telnet
- **Multi-language WebUI support:** English and Turkish
- 24x7 technical support by highly trained AirTies support team and backed up by the AirTies R&D team
- **3 years extended warranty**

VoIP Features

- Echo cancellation
- SIP (RFC 3261/3264)
- RTP (RFC 3550)
- **IP QoS** Support TOS/Diff-serv
- Automatic prioritization of audio packets and high audio quality
- Dial Plan Options
- **Life-line Support:** Automatic switch over to FxO-line (PSTN backup) during power or ADSL connection loss or when SIP server is unreachable
- **Call Features:** Caller ID (CLIP/CLIR), Call Waiting, Speed Dial*
- G.711, G.729AB codec support
- **DTMF Relay:** RFC2833 and SIP INFO support
- G.711 fax pass-through
- T.38 IP fax protocol support
- PSTN Fax Support (V.21, V.21ter, V.29, V.17) - T.30
- Different dial and confirmation-tones when making VoIP calls

Technical Properties

- **ADSL properties:** G.992.1 Annex A & ANSI T1.413 Issue2 (G.DMT), G.992.2 (G.Lite), G.992.3 ADSL2 (G.dmt.bis), G992.4 (G.Lite.bis), G.992.5 (ADSL2+), Dying Gasp Support, Rate Adaptive DSL (RADSL), READSL
- **Connection Protocols:** PPPoE, PPPoA, RFC1483 Encapsulation (IP, Bridging and encapsulated routing), RFC 2364 PPP over AAL5, Classical IP over ATM (RFC1577), ATM QoS, OAM (I.610), Traffic support for 8 PVC channels, RFC2366 Multicast over ATM, IP multicast IGMP v1&v2, snooping
- **802.11b/g and wireless networks:** 1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps data rates (automatic speed adjustment)
- **Frequency interval:** ETSI 2400 MHz(min)- 2483.5 MHz(max) (13 channels with 3 not overlapping)
- **Antenna power:** 20 dBm EIRP
- **Wireless security specifications:** WPA (802.1x, TKIP, PSK) ; WPA2 (AES); 64/128 bit WEP, wireless MAC address filtering, SSID hiding
- **LEDs:** Power, ADSL, Internet, Ethernet1-4, Wireless, USB, Phone1, Phone2, WPS
- **Ports:** 1 ADSL (RJ-11 for ADSL), 1-4 Ethernet (RJ45), USB, Power, 1 FxO (PSTN backup, RJ-11), 1 FxS (telephone device or PBX, RJ-11))
- **Reset button** to return to factory settings for ADSL or VoIP
- WPS button for simple setup and secure connection with WPS supported wireless devices
- On/Off button
- **UPnP :** Universal Plug&Play Internet Gateway Device
- **Router and Firewall:** Anti-DoS SPI firewall; URL, IP and MAC address filtering; Port forwarding; DMZ; VPN Pass Through (PPTP, L2TP, IPSec); Static routing; DNS Proxy; DHCP server and client; NAT/NAPT; User Authentication (PAP/CHAP/MSCHAP) with PPP; up to 1024 NAT sessions, 802.1d (self-learning transparent bridging), CoS (802.1P),802.1Q VLAN*
- Compatible with Windows 98, ME, 2000, 2003, XP, Vista, Linux, MAC OS
- **Class 2 device**
- **Certificates and Standards:** CE

Physical Characteristics

- **Dimensions:** 252.66mm x 169.67mm x 32.65mm
- **Weight:** 525g
- **Power:** 15V DC, 1.25A
- **Adapter operating voltage:** Between 100V and 240V
- **Operating Temperature:** 0 ~ 40 C
- **Storage Temperature:** -40 ~ 70 C
- **Operating Humidity:** 10 ~ 90%

Minimum System Requirements

- ADSL service on your phone line must be activated and working properly,
- For wired use: a computer with an Ethernet adapter that supports the TCP/IP,
- For wireless use: 802.11b or 802.11g wireless adapter or computer with wireless capabilities,
- For the webUI access and setup: Any version of Windows or Unix, Linux, Mac operating systems,
- For the AirTies Utility Program: 32-bit Windows 98 / ME / 2000/ 2003 / XP or Vista operating systems,
- **The device does not need to be connected to a PC during normal operation.**