

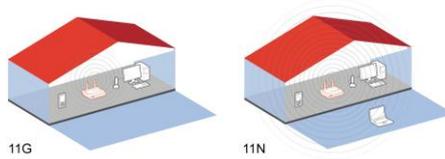
300 Mbps Wireless ADSL2+ Router

“N-speed” solution to getting past concrete walls with a high speed wireless connection!!!

With Air 5440 which uses 802.11n technology, transfer wireless data, watch videos or upload your pictures to the Internet at speeds of up to 300Mbps. Backward compatible with the wireless 802.11b/g devices, the Air 5440 provides 6 times faster wireless communications compared to earlier technologies. Dead spots and packet losses on your wireless network becomes a thing of the past with the MIMO (Multiple Input Multiple Output) technology and the advanced error recovery system contained in the 802.11n standard.

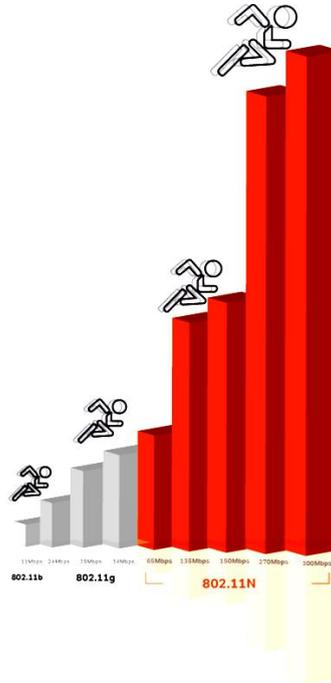
Get past concrete walls with AirTies Mesh Technology!

AirTies Mesh Technology resolves problems such as weak wireless signal and limited coverage area often encountered in multi-story concrete buildings. To expand the coverage area, you can use an AirTies Air 5440 and one or more AirTies wireless repeater devices that connect to the Air 5440 using Mesh protocol. Mesh Technology maintains signal strength over long distances and through barriers such as concrete walls. Moreover, wireless coverage area can be extended as much as desired.



Keep up-to-date at all times!!!

The AirTies ADSL Utility informs you if a newer version of the firmware for your router becomes available, and, if you prefer, automatically upgrades your router's firmware. Running the most recent firmware is essential to get the best performance out of your router and also to benefit from the use of the newest technologies.



*Features to be added with a firmware upgrade



Properties

Main Features

- **All-in-one solution:** ADSL2+ Router, 300Mbps wireless access point, Firewall, 4 Ethernet ports (1 port can be used as Ethernet WAN)
- **High speed wireless:** 300Mbps wireless access point compliant with the 802.11n (Draft2.0) standard
- **ADSL2+** technology for high speed Internet (24Mbps download/ 4Mbps upload)
- **Ethernet WAN support:** 1 of the 4 Ethernet ports can be configured as WAN port.
- **Wireless Access range and Mesh Technology:** AirTies Mesh Technology support for extending coverage area by using additional AirTies wireless access point devices.
- **AirTouch:** Support to setup the wireless network settings easily, securely and automatically by pressing a single button on the device.
- **IPTV-ready!!!:** The Air 5440, with its IP QoS, VLAN (802.1Q), PVC-Port mapping and IGMP support, is ready for the newest, state of the art services offered over the Internet such as IPTV
- **Advanced Wireless Security:** WPA2-PSK, WPA2-802.1x, WPA-PSK, WPA-802.1x, WEP wireless encryption standards support
- **Automatic Wireless Security configuration:** The AirTies ADSL Utility automatically configures wireless security settings for the router and the PC that is used for setup.
- **Firewall:** Advanced anti-DoS SPI Firewall; MAC, URL and IP address based filtering for Internet access
- Easy setup with the animated **Home Network Manager (HNM) Software:** Network Diagram, Device Control, Troubleshooting, Automatic firmware and software upgrade, download / upload counter.
- **Automatic Firmware Upgrade:** Automatic firmware upgrade capability with the Home Network Manager and the modem user interface. It is important to use the latest firmware to get the best possible performance out of your router.
- **ADSL Usage Monitor:** Especially useful for limited quota ADSL subscribers, making it easy to track monthly total download and upload amounts (Home Network Manager)
- **Router:** Advanced router with DHCP server, NAT, NAPT, DMZ, VLAN, RIPv1/v2 support 8 Channel PVC support
- **Robust against voltage fluctuations:** Specially designed to withstand wide voltage fluctuations
- **Remote management:** Web and TR-069 support for remote management
- **Multi-language WebUI** support: English and Turkish
- 7/24 AirTies Call Center and Technical Support (engineering support by the AirTies R&D team when needed)
- **3 year extended warranty**
- **Designed to be compatible with your local ADSL infrastructure.**

Technical Properties

- **ADSL properties:** G.992.1 Annex A (G.DMT), G.992.2 (G.Lite), G.992.3 (ADSL2), G992.4 (G.Lite.bis), G.992.5 (ADSL2+), Rate Adaptive DSL (RADSL), READSL, Traffic shaping UBR/CBR, OAM (I.610)
- **Connection protocols:** PPPoE, PPPoA, RFC1483 Bridging, RFC1483 Routing, classical IP over ATM, PAP/CHAP, RFC 2364 PPP over AAL5, RFC2366 Multicast over ATM
- **Wireless transmit power:** Max 20 dBm EIRP (including antenna gains)
- **Wireless security options:** WPA2, WPA, WEP, wireless MAC address filtering, SSID hiding
- **Frequency range:** ETSI 2400MHz - 2483.5MHz (13 channels with 3 non-overlapping), 20/40MHz channel bandwidth
- **Router and Firewall:** Anti-DoS SPI firewall; IP and MAC address filtering; URL filtering; Port forwarding; DMZ; Static Routing, RIPv1, RIPv2 routing; DNS Proxy; DHCP server and client; NAT/NAPT; PPP (PAP/CHAP/MSCHAP), IGMPv1/v2
- **UPnP** (Universal Plug and Play)
- **Reset** button to return the router to factory settings
- **Operating voltage:** 100V AC - 240V AC
- **Operating Temperature:** 0°C ~ 40°C
- **Storage Temperature:** -40°C ~ 70°C
- **Cabling:** RJ-45 (Ethernet), RJ-11 (ADSL)
- **Ports:** ADSL, Power (15V DC), 4 x 10/100 Ethernet(RJ-45, auto MDI/MDIX), 1xUSB Host (optional)
- **LEDs:** Power, Internet, ADSL, Ethernet 1-4, Wireless
- **Certificates:** CE

Physical Characteristics

- **Dimensions:** 209.5mm x 147.5mm x 33mm
- **Weight:** 339 g
- **Power:** 9Volt DC, 1.0A
- **Operating Voltage:** 100V - 240V AC
- **Operating Temperature:** 0°C ~ 40°C
- **Storage Temperature:** -40°C ~ 70°C
- **Humidity:** %10 - %90 non-condensing

Minimum System Requirements

- For installation and configuration: a computer that has an Ethernet interface or wireless capability that is compatible with 802.11b/g/n standards, and is running any version of Windows, UNIX, Linux or Mac Operating Systems,
 - For the AirTies ADSL Utility: 32 bit Windows (98/ME/2000/XP/Vista)
- The router does not need to be connected to a computer during normal operation.

Package Contents

- Air 5440 300Mbps Wireless ADSL2+ Router
- Power adapter
- Ethernet cable
- Telephone cables (1 long, 1 short)
- Splitter
- Easy Setup CD
- Quick Installation Guide
- Warranty Card

*Features to be added with a firmware upgrade

