

WX-5800

Dual Band Wireless ADSL Router



Gemtek WX-5800 Dual Band Wireless ADSL Router allows you to share the single account of Internet Access. With build-in NAT, this Router allows up to 253 users on the Ethernet LAN simultaneously, up to 16 users on the 802.11b Wireless LAN simultaneously and up to 16 users on the 802.11a Wireless LAN simultaneously.

- Fully compliant with ANSI T1.413 Issue 2, ITU G.992.1, ITU G.992.2, and ITU G.994.1

Gemtek offers WLAN users the convenience of using their preferred frequency whenever they need it. Whether operating on the recent IEEE 802.11a 5GHz for high-speed resolution or the popular IEEE 802.11b 2.4GHz for mass access, WX-5800 provides the power to manage bandwidth efficiently.

- Bridges 2.4GHz and 5GHz network connection

With a web-based UI (User Interface), the WX-5800 is easy to setup and maintain. All functions can be configured with the UI via web browsers.

- WDS makes it possible enabling Wireless Repeater and AP mode simultaneously



- Maximizes security protection with scalable WEP encryption : 152-bit to 128-bit and 64-bit WEP



- System configuration and firmware upgrades available

General Specifications

Product Name Dual Band Wireless ADSL Router	Gateway NAT, DHCP server, Port forwarding, Firewall, and VPN passthrough
Model Number WX-5800	Wireless Distribution System (WDS) 802.1d Spanning Tree Protocol (STP)
Frequency Range 2.4GHz~2.4835GHz (<i>subject to local regulations</i>) 5.15GHz~5.35 GHz (<i>U-NII frequency band</i>)	Security 802.11b: 64/128-bit WEP 802.11a: 64/128/152-bit WEP 802.1x (port-based security with RADIUS) MAC address filtering
Management & Firmware Upgrade Web-based management <ul style="list-style-type: none"> • Microsoft Internet Explorer / Netscape • ESSID, full channel support • Web page firmware upgrade • Password protected terminal 	LED Indicators RF Activity (802.11a, 802.11b) LAN Activity (Port 1 ~ 4)
Standards IEEE 802.11b for Wireless LAN IEEE 802.3 for Wired LAN ANSI T1.413 Issue II for ADSL ITU G.992.1 (G.DMT) for ADSL ITU G.992.2 (G.lite) for ADSL ITU G.994.1 (G.HS) for ADSL	ADSL Activity (Link, TXD, RXD) Power
Network Protocol TCP/IP, IPX/SPX, NetBEUI, DHCP Client RFC1483 Bridged IP over ATM RFC1483 Routed IP over ATM RFC1577 Classical IP over ATM RFC2364 PPP over ATM AAL5 RFC2516 PPP over Ethernet AAL5 UBR & CBR OAM F4/F5 IEEE 802.11b/a Roaming	Transmit Power +17 dBm (Maximum) for WLAN +14 dBm (Maximum) for ADSL
	Dimension 250 mm x 200 mm x 18 mm (Router Only)
	Antenna 3dBi gain for 802.11a, 1dBi gain for 802.11b
	Ports Mini DIN Console port 10/100 Mbps wired LAN * 4 (Auto-Cross over) ADSL WAN RJ-11 port
	Temperature Range 0~40°C(operating), -10~65°C (storing)
	Humidity 15%~95%
	Power Adapter Input: AC 100~240V, 50Hz~60Hz Output DC 4.7V~5.3V, 3A