



300 M Wireless ADSL2+ Router DS124WS-Data Sheet



IEEE Standards	IEEE 802.3, 802.3u, 802.11n, 802.11g, 802.11b
ADSL Standards	Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1(G.DMT), ITU-T G.992.2(G.Lite), ITU-T G.994.1(G.hs)
ADSL2 Standards	ITU-T G.992.3 (G.dmt.bis), ITU-T G.992.4 (G.lite.bis)
ADSL2+ Standards	ITU-T G.992.5
DATA RATES	Downstream: Up to 24Mbps Upstream: Up to 3.5Mbps (with Annex M enabled)
ATM / PPP Protocols	ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs) ATM Adaptation Layer Type 5 (AAL5) Traffic Shaping (ATM QoS) UBR, CBR, VBR-rt, VBR-nrt Bridged and routed Ethernet encapsulation VC and LLC based multiplexing PPP over Ethernet (RFC2516) PPP over ATM (RFC 2364) IPoA (RFC1577/2225)
Main Features	Bandwidth Control Dynamic Host Configuration Protocol (DHCP), DHCP relay Network Address Translation (NAT) Static Routing, RIP v1/v2 VPN(PPTP, L2TP, IPSec) Pass-through PVC/Ethernet Port Grouping DNS Relay, DDNS IGMP Multicast, IGMP snooping V1/2 Virtual server, DMZ, ACL(Access Control List) UPnP
Management	Web Based Configuration, Remote management, Telnet management, Command Line Interface(CLI), SSL for TR-069, SNMP v1/2c, SNMP over EOC, Web Based Firmware Upgrade, CWMP(TR-069), Diagnostic Tools
Security	NAT and SPI Firewall MAC / IP / Packet / URL Filtering
Operation Frequency	2.4GHz
Wireless Speed	11N: Up to 300Mbps (dynamic)
Wireless Security	Provides 64/128-bit WEP encryption security, WPA-PSK/WPA2-PSK authentication and TKIP/AES encryption security
Interfaces	1 x RJ11 DSL Port, 4 x RJ45 LAN Port

LED Indicators	Power,DSL,Intelnet,WLAN,WPS,USB,LAN1-LAN4
Buttons	Power ON/OFF Button, WPS/WiFi Button, Reset Button
Power Supply	DC 12V 0.5A
Antenna	2 x Fixed Omni-directional Antenna
Dimensions (W x D x H)	165 x 120 x 32mm (5.2 x 3.7 x 1.06 in.)

Environmental

Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	10%~90%, non-condensing
Storage Humidity	5%~90% non-condensing
Certifications	CE, RoHS

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