



802.11g Wireless LAN USB Adapter

Model # U10H015

Ambit's 802.11g Wireless LAN USB Adapter is an ideal solution for any wireless network that requires superior performance and minimal downtime. With 802.11g compliance, you can be assured that the Wireless LAN USB Adapter will work effortlessly with your existing network. USB 2.0 and 802.11g technology deliver data rates up to 54Mbps (5 times as fast as 802.11b), without the trouble of opening up the case of your desktop computer. Take advantage of 64/128 bit wired equivalent privacy (WEP) for enhanced security. You can connect the Wireless LAN USB adapter to your desktop or laptop without the need for additional wires.

Want to get the most out of your Ambit Wireless LAN USB Adapter? Launch Ambit's Wireless LAN Utility for extensive diagnostics such as available Access Points, configuration options, and much more!

Function

- IEEE 802.11g and IEEE 802.11b standard compliant
- IEEE 802.11g provides data rate for 54Mbps with auto fallback 48, 36, 24, 18, 12, 9, 6Mbps
- IEEE802.11b provides data rate 11Mbps with auto fallback 5.5, 2 and 1Mbps
- Auto fallback data rate for optimized reliability, throughput and transmission range
- Wireless data encryption with 64/128-bit WEP standard
- Security using WPA, WPA-PSK, 802.1x, Pre-Shared Key
- USB 2.0 interface support
- Microsoft drivers support Windows 98SE, ME, 2000, and XP

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SPECIFICATION

Network standard	IEEE 802.11g & IEEE802.11b	
Date Rate	IEEE 802.11g - 54Mbps with auto fallback 48, 36, 24, 18, 12, 9, 6Mbps IEEE 802.11b - 11Mbps with auto fallback 5.5, 2 and 1Mbps	
Frequency	2.4MHz ISM band	
Radio Technology	IEEE 802.11g – Orthogonal Frequency Division Multiplexing IEEE 802.11b - Direct Sequence Spread Spectrum	
Antenna	Planar Antenna	
Modulation	IEEE 802.11g: OFDM <ul style="list-style-type: none"> • 48/54 Mbps (QAM-64) • 24/36 Mbps (QAM-16) • 12/18 Mbps (QPSK) • 6/9 Mbps (BPSK) 	IEEE 802.11b: DSSS <ul style="list-style-type: none"> • 5.5/11 Mbps (CCK) • 2 Mbps (DQPSK) • 1 Mbps (DBPSK)
Transmitter Power	IEEE 802.11g: +/- 3dBm <ul style="list-style-type: none"> • 13dBm @ 54Mbps • 15dBm @ 48/24/36Mbps • 16dBm @12/18Mbps • 17dBm @6/9Mbps IEEE 802.11b: + 3dBm <ul style="list-style-type: none"> • 17dBm @ 1/2/5.5/11Mbps 	
Receive Sensitivity	-65dBm for 54Mbps @ 10% PER -80dBm for 11Mbps @ 8% PER	
Power Consumption	IEEE 802.11g: TX: ≤ 480 mA, RX: ≤ 430 mA IEEE 802.11b: TX: ≤ 480 mA, RX: ≤ 430 mA	
Encryption	64/128-bit WEP encryption	
Security	WPA – EAP TYPE: TLS, PEAP(MS-CHAPv2), PEAP(TLS) 802.1x – EAP TYPE: TLS, PEAP(MS-CHAPv2), PEAP(TLS), LEAP	
Software Driver	Microsoft drivers support Windows 98SE, ME, 2000, and XP	
Software Utility	Card status, Configuration Profiles, Site Survey, and Link status	
Interface	USB 2.0	
LED Indicator	Link Activity	
Environmental Operating Ranges	Temperature: 0 ~ 55 °C; Storage -20 ~ 80 °C	
Dimensions	82.4mm(L)*13.2mm(W)*26.3mm(H)	
Weight	35 g	
Safety	UL 60950 Ver.3 for USA, CSA C22.2 for Canada	

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