

GW-DSMM

IEEE802.11g Wireless MIMO XR PCIBus Adapter

The GW-DSMM is an IEEE802.11g compliant MIMO XR wireless PCIBus Adaptor. It provides superior performance and interoperability within a mixed mode network (802.11b and 802.11g).







The GW-DSMM is backwards compliant with all 802.11b wireless equipment, making it a seamless integrator for the most popular wireless networks.

Plus, this wireless PCI Card provides a high data transfer with MIMO XR Technology which widens available network range compared to ordinary 11b/g standard.



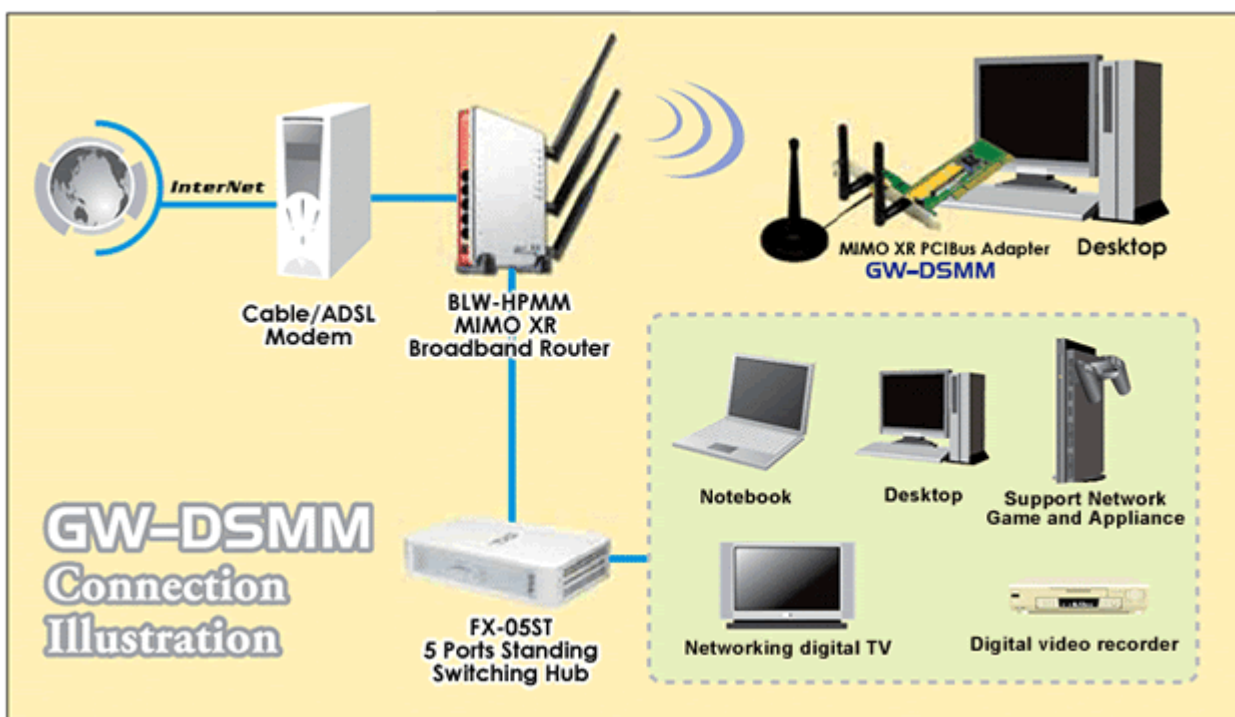
Features

WEP 64/128	WMM	Vista	Windows Me	Windows XP	Windows 2003 x64
WPA-PSK	WPA2-PSK	Windows 98SE	Windows 2000	Windows 2003	Windows XP x64

- Three Antenna (2dbi)
- Comply with both IEEE 802.11b and IEEE 802.11g products.
- Comply with PCI 2.2 standard
- Support TX-Burst and MIMO XR technology that can improve throughput
- Fast Roaming
- Supports WMM (IEEE 802.11e QoS standard), enhance multi-media support.
- Supports 64/128-bit WEP, WPA · WPA-PSK, WPA2 · WPA2-PSK
- Note: WPA2 and WPA2-PSK are only enabled in Win2000/XP/ XPx64
- Supports CCX 2.0 (Cisco Compatible Extensions) for the radio monitoring.

Connection Sample



Specification

Model Number	GW-DSMM
International Standard	IEEE 802.11b, Wi-Fi compliant/IEEE 802.11g standard
Antenna	Single Detachable Dipole Antenna(RP-SMA 2dBi*3pcs)
Frequency Range	2.412GHz-2.4835GHz
Number of Channels	USA , Canada : 11 channels Europe : 13 channels Japan : 14 channels
Modulation Method	802.11b: Direct Sequence Spread Spectrum (CCK, DQPSK, DBPSK) 802.11g: Orthogonal frequency division multiplexing (OFDM)
Data Rate	802.11b(11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps) 802.11g(54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps)
Transmit Power	11b:20±0.5dBm / 11g:18±0.5dBm
Receiver Sensitivity	54Mbps: -65dBm @ 10% PER 48Mbps:-66dBm @ 10% PER 36Mbps:-70dBm @ 10% PER 24Mbps:-74dBm @ 10% PER 18Mbps:-77dBm @ 10% PER 12Mbps:-79dBm @ 10% PER 9Mbps:-82dBm @ 10% PER 6Mbps:-82dBm @ 10% PER 5.5Mbps:-92dBm @ 10% PER
Operation Temperature	0~55 °C
Operation Humidity	35%~90% (non-condensing)
Storage Temperature	-20 ~ 70 °C
Storage Humidity	5%~90% (non-condensing)
OS	Windows 98/SE/ME/2000/XP/2003/2003x64/XPx64
Dimension	120(L) x 72(W) mm
Weight	50g (No include Antenna)
EMI	CE, VCCI Class B, TELEC, DGT

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