

ZyXEL



Enjoy 8x the Speed and Range at Your Fingertips

- Up to 800% Better Coverage and Throughput Speeds
- Backwards Compatible with any IEEE802.11b/g Device
- Increased Security with WPA2 & WPA
- Ideal Solution for Heavy Payload Activities like Online Gaming and Video Streaming

Benefits

MIMO and Smart Antenna Technology

Users who demand more range, performance, and functionality out of their wireless devices will be satisfied using the ZyXEL M-202 XtremeMIMO USB Adapter. An ideal solution featuring Smart Antenna MIMO (Multiple Input; Multiple Output) technology, the ZyXEL M-202 outperforms other standard IEEE802.11b/g Wi-Fi devices in any situation. Coupled with other ZyXEL XtremeMIMO products, both range and throughput speeds are boosted even more. Home/SOHO users will no longer need to fear 'dead-zones' or sudden drops in signal strength drastically affecting their productivity. With the ZyXEL M-202 'dead-zones' can become 'hot-zones'!

WPA2 & WPA Wireless Security

Security is always an issue whenever wireless networking is in your equation. The ZyXEL M-202 XtremeMIMO USB Adapter has the most advanced security protocols using WPA2 and WPA (Wi-Fi Protected Access). Setup is a breeze and with one of the strongest encryption methods; AES (Advanced Encryption Standard) and WPA-PSK (Pre-shared Key) gives you peace of mind. SMB and Enterprise users can utilize IEEE802.1x support built right into the ZyXEL M-202 for authentication purposes. When maximum security, speeds, and range are a necessity, the ZyXEL M-202 is the perfect wireless communication solution.

802.11g XtremeMIMO
Wireless USB Adapter

M-202

WIRELESS



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Specifications

Communication Protocols

- ▶ IEEE 802.11b/g standard compliant with Wi-Fi certification

Adapter Interface

- ▶ USB 2.0 / USB 1.1

Frequency Range

- ▶ 2.4GHz to 2.462GHz

Modulation Technology

- ▶ DSSS
- ▶ OFDM

RF Output Power

- ▶ 16dBm @ 54Mbps,
- ▶ 18dBm @ 11Mbps

RF Sensitivity

- 74dBm @ 54Mbps
- 75dBm @ 48Mbps
- 78dBm @ 36Mbps
- 80dBm @ 24Mbps
- 84dBm @ 18Mbps
- 86dBm @ 12Mbps
- 88dBm @ 9Mbps
- 89dBm @ 6Mbps

Max Power Consumption

- ▶ Operation Mode: 750mA (Tx) 680mA (Rx)
- ▶ Idle Mode: 425mA

Wireless Security

- ▶ 64/128-bit WEP
- ▶ WPA2 (AES) and WPA (TKIP)
- ▶ IEEE802.1x

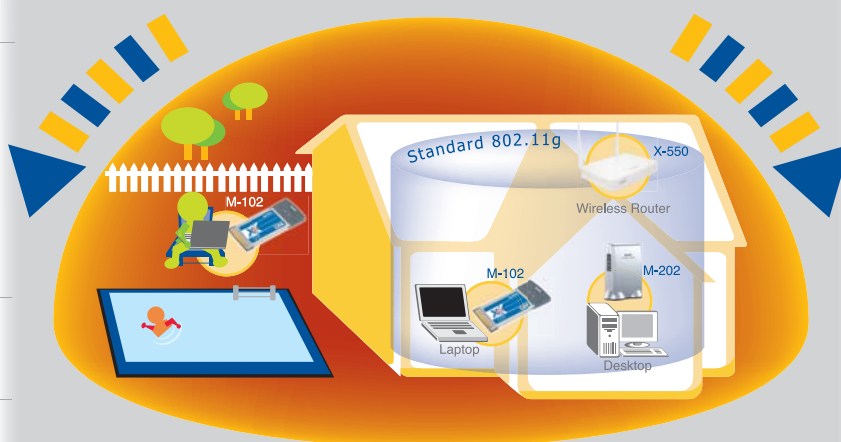
Storage Environment

- ▶ Temperature: -20C to 70C
- ▶ Humidity: 10% to 85% Non-Condensing

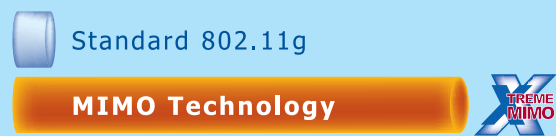
Operating Environment

- ▶ Temperature: 0C to 40C
- ▶ Humidity: 10% to 70% Non-Condensing

XtremeMIMO Coverage



XtremeMIMO LONG RANGE HIGH SPEED



For more product information, visit us on the web www.US.ZyXEL.com

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