

WiBORNE, INC.

Long-Range Wireless USB Adapter

WLU-2402

The WLU-2402 is a wireless USB 2.0 adapter that supports the IEEE 802.11b/g (2.4GHz) radio operation. It provides a high-speed wireless connection with data rate up to 54Mbps. It has removable antenna that allows you to connect with external higher gain antenna. With the high-speed wireless USB adapter, you will experience the best wireless connectivity available.



- Operating distance of up to 1000~2000 meters in free space
- Support USB 2.0 interface
- RF Spreading Method: DSSS, OFDM
- Easy operation and setting up

Long-Range Wireless USB Adapter

Interface	USB 2.0/1.1/1.0
Standard Conformance	IEEE802.11g, IEEE802.11b
Data Transfer Rate	1~54 Mbps, with auto fallback
Frequency Range	2.412GHz ~ 2.484GHz
Modulation Method	IEEE 802.11b: CCK, DQPSK, DBPSK; IEEE 802.11g: BPSK, QPSK, 16QAM, 64QAM
Operating Channels	11 for North America, 14 for Japan, 13 for Europe
Transmit Power	11b: 20dBm, 11g: 17dBm
Receiver Sensitivity	Operating at 11Mbps: @ -85dBm Operating at 54Mbps: @ -72dBm
Antenna	Integrated with 4.5dBi Hi-Gain Antenna
Environment & Mechanical Characteristics	
Operating Temperature	0° to 50° C
Storage Temperature	-20° to 70°C
Humidity	5% to 90%(non-condensing)
Dimensions	250 x 20 x 8 mm
Regulation Approval	FCC for North America, CE/ETSI for European



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