

Order Information: **AWM1910P**

Wireless-N 1T1R High Gain 10dBi USB Adapter



If you wish to obtain an extended wireless range, it is mandatory that you use directional patch Wireless USB adapter directed at the other directional patch wireless device.

If you were to try to use High Gain Wireless Router or in the Hot Spot, a normal antenna wireless adapter at your notebook or desktop end, there would be no problem receiving the signal from the High Power /High Gain device, however the notebook/desktop side (standard antenna) would not have the strength to send the signal back.

The "USB2.0 Wireless-N "Coverage Extender" may drive your wireless signals into even those distant, reflective corners and hard-to-reach areas. In Wireless "Hot Spots" area, you will get the benefits of increased coverage accessing the "Hot Spot Gateway " without any extra Access Point or Client Bridge , Power Adapter

Features

- Support up to 150Mbps upload and 150Mbps download data rate
- High gain 10dBi for wireless range extender
- Antenna to 110 degree (Vertical) 60 degree (Horizontal) emission of your highly amplified wireless signal , 270° Tilt-and-swivel design for best reception
- Compliant with IEEE 802.11b , IEEE802.11g , and IEEE802.11n (draft 2.0)
- Support USB 2.0 A-Type standard and compatible with USB1.1
- Support Ad-Hoc / Infrastructure mode
- Support Wireless Multimedia Enhancements Quality of Service (QoS) : WMM
- Support Set Wizard to do quickly configuration
- Software AP function support
- Support WiFi Protected Setup (WPS)
- Plug-and-Play compatible with Windows 98SE, 2000,XP(32/64bit) , Vista, MAC OS 10.4/10.5 , Linux support



LanReady Technologies Inc.

3F., No.166, Sinhu 2nd Rd., Neihu District, Taipei City 114, Taiwan
 Tel: 886-2-2796-8188 Fax: 886-2-2796-8158 http://www.lanready.com

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[AWM1910P] Electrical Specifications	
Interface	USB 2.0 Standard, USB 1.1 Compliant
Standards Conformance	IEEE802.11 / 802.11b / 802.11g/ 802.11n (draft 2.0 compliance) ARIB STD-T66 compliant IEEE802.11 d, e,h,i,j
Data Transfer Rate	IEEE802.11b : 1 / 2 / 5.5 / 11Mbps (auto sensing) IEEE802.11g : 6 / 9 / 12 / 18 / 24 / 36 / 48 / 54Mbps (auto sensing) IEEE802.11n (draft 2.0 compliance) : 150Mbps (TX) /150Mbps (RX)
Access Method	Infrastructure Mode, Ad-Hoc Mode (802.11 Ad-Hoc), Roaming
Security	WEP,WPA/WPA2-PSK(TKIP,AES-CCMP) , WPA/WPA2 802.1x(EAP-TLS, AP-TTLS,PEAP(EAP-GTC),PEAP(EAP-MSCHAPv2)
Quality of Service (QOS)	802.11e , WMM
Software AP	Windows XP , Vista Support
International Regulation	802.11d
Frequency Range	IEEE802.11b : 2.4 to 2.497GHz IEEE802.11g : 2.4 to 2.4835GHz IEEE802.11n (draft compliance) : 2.4GHz
Wireless Medium	OFDM & DSSS (with Barker coding and CCK for backward compatibility with 802.11b)
Media Access Protocol	CSMA / CA
Bandwidth	20MHz / 40MHz
Modulation Method	IEEE802.11b : DBPSK (1Mbps), DQPSK (2Mbps), CCK (5.5/11Mbps) IEEE802.11g : BPSK (6/9Mbps), QPSK (12/18Mbps), 16-QAM (24/36Mbps), 64QAM (48/54Mbps) IEEE802.11n (draft 2.0 compliance)
Operating Channels	1~11 (U.S. & Canada), 1~13 (channel availability depends on local regulations), 1~14 (Japan)
Transmit Power Settings	18dBm
Antenna Type	Built-In 10dBi Patch Antenna
Operating systems	Windows 7 Windows Vista 64/32, Windows 98SE,XP 64/32, Window 2000 MAC OS 10.4/10.5 Linux kernel v2.6
Environmental & Mechanical Characteristics	
Operating Temperature	32 °F ~ 131 °F (0 °C ~ 55 °C)
Storage Temperature	-13 °F ~ 158 °F (-20 °C ~ 70 °C)
Operating Humidity	10% to 80% Non-Condensing
Storage Humidity	5% to 90% Non-Condensing



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Dimension	10.9 * 6.6*3.5 (L*W*H) cm
Weight	170g

Antenna Electrical Specifications

Antenna Type	2.4GHz 10 dBi Indoor Patch Antenna
Frequency Range	2.4 ~ 2.4835GHz
Network Specification	IEEE 802.11b , IEEE 802.11g , IEEE802.11n,Wireless 2.4Ghz Network
Gain	10 dBi
V.S.W.R	< 1.5
Beam Width-H Plane	110° (Vertical)
Beam Width-E Plane	60° (Horizontal)
Polarization	Vertical (Linear)
Mounting	270° Degree Adjustable Stand, Wall Mount or Table Mount