

**Order Information: AWS1902FO**

Wireless-N 1T1R USB Adapter w/2dBi detachable Omni Antenna



The Wireless-N with SMA Adapter provides the convenience to connect external antenna's such as Omni Directional or Patch Directional suitable for your needs and requirements. Combined with the desired antenna for your application it will be able to provide coverage extender benefits and the versatility of a Wireless-N USB2.0 Wireless Adapter into one complete solution.

One no longer needs to pull apart desktop PC's to install Wireless PCI Card. With AWS1902FO it's as simple as plug-and-play with USB port with ease of installation for mission critical applications and user's can DIY to determine the distance required by choosing the suitable antenna for the required application.

**Features**

- Support up to 150Mbps upload and 150Mbps download data rate
- SMA connector provides the convenience to connect external High Gain antenna
- 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

<b>【AWS1902FO】Electrical Specifications</b>	
<b>Interface</b>	USB 2.0 Standard, USB 1.1 Compliant
<b>Standards Conformance</b>	IEEE802.11 / 802.11b / 802.11g/ 802.11n (draft 2.0 compliance) ARIB STD-T66 compliant IEEE802.11 d, e,h,i,j



**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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<b>Data Transfer Rate</b>	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)
<b>Access Method</b>	Infrastructure Mode, Ad-Hoc Mode (802.11 Ad-Hoc), Roaming
<b>Security</b>	WEP,WPA/WPA2-PSK(TKIP,AES-CCMP) , WPA/WPA2 802.1x(EAP-TLS, AP-TTLS,PEAP(EAP-GTC),PEAP(EAP-MSCHAPv2)
<b>Quality of Service (QOS)</b>	802.11e , WMM
<b>Software AP</b>	Windows XP , Vista Support
<b>International Regulation</b>	802.11d
<b>Frequency Range</b>	IEEE802.11b : 2.4 to 2.497GHz IEEE802.11g : 2.4 to 2.4835GHz IEEE802.11n (draft compliance) : 2.4GHz
<b>Wireless Medium</b>	OFDM & DSSS (with Barker coding and CCK for backward compatibility with 802.11b)
<b>Media Access Protocol</b>	CSMA / CA
<b>Bandwidth</b>	20MHz / 40MHz
<b>Modulation Method</b>	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 )
<b>Operating Channels</b>	1~11 (U.S. & Canada), 1~13 (channel availability depends on local regulations), 1~14 (Japan)
<b>Transmit Power Settings</b>	18dBm
<b>Antenna Type</b>	Bundle with detachable 2 dBi Omni Antenna
<b>Operating systems</b>	Windows 7 Windows Vista 64/32, Windows 98SE,XP 64/32, Window 2000 MAC OS 10.4/10.5 Linux kernel v2.6
<b>Environmental &amp; Mechanical Characteristics</b>	
<b>Operating Temperature</b>	32 °F ~ 131 °F (0 °C ~ 55 °C)
<b>Storage Temperature</b>	-13 °F ~ 158 °F (-20 °C ~ 70 °C)
<b>Operating Humidity</b>	10% to 80% Non-Condensing
<b>Storage Humidity</b>	5% to 90% Non-Condensing
<b>Dimension</b>	32 mm x 73mm x 26 mm
<b>Weight</b>	20 g