



Using advanced OFDM and power amp technology, the AUE200G series has high output power and amazing throughput even at long distance transmission. It operates at 2.4GHz band with 14+ non-overlapping channels. This 802.11g/b outdoor radio is an ideal solution for enterprise / campus connectivity, Hotspot and next-generation broadband wireless Access.

It's easier and more cost effective to deploy the wireless access environment with the Wireless Distribution System (WDS) technology. Saving 30% ~ 50% of the cost for telecom operators, ISPs and enterprises.

AUE200G series has powerful security management because it supports WEP 64 / 128 / 152 bits, 802.1x Authentication (EAP), MAC access control, disable the broadcast SSID, client isolation, WPA-PSK and WPA encryption. All these functions make the network much more reliable.

## AUE200G Series

### 802.11g/b Multi-function Radio

#### Benefits

- Long distance and outstanding sensitivity
- Operating at 2.4GHz ISM Band
- 200mW / 1W output power
- Up to 12 miles (20km)
- IEEE 802.11g/b appliance
- WLL and backbone usage
- Cost-effective solution for telecom operator, enterprise, educational institute and government .
- Waterproof housing

#### Product Highlights

<b>Large Area Coverage</b>	High input power for IEEE 802.11 g/b up to 1W & low noise figure extend the signal transmit distance & enlarge the coverage area as well.
<b>Impressive data rate at long distance</b>	Unique OFDM technology breaks the distance limit of 802.11 g/b standards. We succeeded in extending the signal up to 2 – 25 miles (3 – 40 Km) with the impressive 54Mbps (Max) data rate.
<b>Manageability</b>	Through the Web-based utility AUE203G is fully manageable locally & remotely. In addition, built-in SNMP support let ISP & enterprise users expand the network infrastructure must easier.
<b>Flexibility</b>	This radio can play various roles in the wireless infrastructure due to detachable antenna design. Customer can use the proper antenna according to the different environment, & make the wireless infrastructure deployment more flexible.
<b>Reliability</b>	The AUE203G is the most reliable outdoor radio which provides a trustworthy passageway in the air with stable & robust design.
<b>Security</b>	WEP 64 / 128 / 152bit encryption, WPA-PSK, WPA, 802.1 x Authentication (EAP), disable the broadcast SSID, client isolation & MAC Access control build the highest security mechanism to prevent the malicious attacking from the internet.

DrawCom Pty Ltd

Page AC25

Level 14, 350 Collins Street, Melbourne 3000 Victoria Australia ACN 102 832 495

Tel +61 3 9604 6900 Fax +61 3 9604 6999 Email [info@drawcom.com.au](mailto:info@drawcom.com.au) [www.drawcom.com.au](http://www.drawcom.com.au)

## 802.11g/b Multi-function Radio (cont.)

<b>Specifications</b>	
<b>Radio</b>	
<b>Standards</b>	IEEE 802.11g/b
<b>Frequency</b>	2.4GHz ISM Band
<b>Operating Channels</b>	FCC (USA) 2.412GHz – 2.462GHz (CH1-CH11)
	ETSI (EUR) 2.412GHz – 2.472GHz (CH1 – CH13)
	MKK (JAPAN) 11b : 2.412GHz – 2.484GHz (CH1 – CH14) 11g : 2.412GHz – 2.472 (CH1 – CH13)
	China 2.412GHz – 2.462GHz (CH1 – CH11)
<b>Output Power</b>	IEE 802.11b: 30dBm (±2dB) @ 1/2/5.5/11Mbps IEE 802.11g: 24dBm (±2dB) @ 54Mbps 25dBm (±1dB) @ 48Mbps 26dBm (±dB) @ 36Mbps 26dBm (±1dB) @ 6/9/1/2/5.5/11/12/18/24Mbps
<b>Modulation</b>	OFDM /DSSS
<b>Range</b>	Up to 25 miles (40 Km)
<b>Interfaces</b>	
<b>RF (connect to the antenna)</b>	N-type (Jack)
<b>Ethernet</b>	IEEE 802.3 (10 Base-T) / IEEE 802.3u (100 Base – TX) IEEE 802.1d (spanning tree protocol)
<b>Manageability</b>	
<b>Management &amp; Setup</b>	Web-based configuration
<b>Operating mode</b>	AP / WDS / Smart WDS
<b>SNMP agents</b>	MIB II
<b>Protocol</b>	TCP/IP, IPX/SPX, NetBeui
<b>Operating System</b>	Windows 98 / 2000 / NT / XP
<b>Network Architecture</b>	Hotspot / Point to point / Point to multi – point / Repeater
<b>IP Routing</b>	Enable any IP
<b>DHCP supports</b>	DHCP client
<b>Security</b>	
<b>Data Encryption</b>	WEP 64/ 128 / 152 bits encryption
	WPA-PSK
	WPA
<b>Authentication</b>	802.1 x Auth. (EAP)
<b>Authorisation</b>	MAC Address Access Filter
<b>Advanced Security</b>	Disable broadcast SSID
	Client isolation (Layer 2 Isolation)
<b>Environment</b>	
<b>Operating temperature</b>	-20°C - 55°C
<b>Storage Temperature</b>	-30°C - 70°C
<b>Humidity</b>	95% non-condensing
<b>Power Supply</b>	
AC 100-264V, DC 15 V, 50-60Hz	
<b>Physical</b>	
<b>Dimension</b>	259 (L) x 250 (W) x 75 (H) ; mm
<b>Weight</b>	AUE202G : 1.8 Kg / AUE203G : 2.2kg
<b>Warranty</b>	1 Year
<b>Ordering Information</b>	
<b>AU202G</b>	2.4 GHz, 0.2W OFDM / DSSS Outdoor Bridge / Hotspot Radio
<b>AUE203G</b>	2.4GHz, 1W OFDM / DSSS Outdoor Bridge / Hotspot Radio
<b>AUE102G</b>	2.4GHz, EIRP = 41dBm OFDM / DSSS Outdoor Bridge (18dBi integrated panel antenna)
<b>AUE103G</b>	2.4GHz, EIRP = 48dBm OFDM / DSSS Outdoor Bridge (18dBi integrated panel antenna)