



# APM CO., LTD

## AAWUS036H

### Wireless-G with SMA Adapter (2dBi Antenna)



### Features

- Connects at a full 54Mbps via USB 2.0, up to 8 times faster than a USB 1.1 adapter
- High gain upgradeable
- Compact size for greater flexibility
- Also compatible with USB 1.1 desktop and notebook computers
- Plug-and-Play Compatible with windows 98SE, 2000, Millennium, XP and Linux
- High security 64/128/256bit WEP Encryption, TKIP, WPA, 802.11

### Specifications

Category	Item	Description
<b>Product General</b>	Standards	Wireless:IEEE 802.11b/g
		USB 2.0 standard
	Data Rate	802.11b: UP to 11Mbps
		802.11g: 54Mbps
	OS Supported	Windows 98SE
		Windows ME
		Windows 2000
		Windows XP
		Linux 2.6
		Mac 10.4
	Interface	USB 2.0 mini USB
	Antenna Type	1 x 2.4Ghz SMA connector
<b>Hardware</b>	Chipset	Realtek 8187L
	One LED	Power/Status
		Wireless Act.



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	Frequency Range	2412~2462 MHz (N.A) 2412~2472 MHz (EU) 2412~2484 MHz (Japan)
	Channel	1~11 channels ( North America ) 1~13 channels ( General Europe) 1~14 channels (Japan)
	Emission Type	DSSS/OFDM
	Output Power	20 dBm (OFDM),27dBm(CCK)
	Sensitivity for 802.11b	1, 2 Mbps (BPSK, QPSK): -96dBm 11 Mbps (CCK): -91dBm (Typically @PER < 8% packet size 1024 and @25°C + 5°C)
	Sensitivity for 802.11g	54Mbps (64QAM): -76dbm 48Mbps (64QAM): -71dbm 36Mbps (16QAM): -78dbm 24Mbps (16QAM): -80dbm 18Mbps (QPSK): -81dbm 12Mbps (QPSK): -82dbm 9Mbps (BPSK): -85dbm 6Mbps (BPSK): -91dbm (typically @PER < 10% packet size 1024 and @25°C + 5°C)
	Frequency Stability	within +25 ppm
	Data Modulation Type	BPSK,QPSK, CCK and OFDM
	Power	Voltage: 5V+5%
	Security	WEP 64/128 802.1X support Wi-Fi Protected Access (WPA) WPA-PSK WPA II
<b>Environment Spec.</b>	Operating Temp	0°C ~ +50°C
	Storage	-10°C ~ +65°C
	Humidity	5%~98% non-condensing
<b>Dimention</b>		8.5*2.2*6.3cm
<b>Weight</b>		38.5g

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