

EXPERIENCE THE FREEDOM OF WIRELESS NETWORKS FOR THE LARGE ENTERPRISE



# ORiNOCO®

## AP-2000 11b/g Kit



The ORiNOCO AP-2000 11b/g Kit makes it easy to upgrade your AP-2000 Access Point for 802.11g compliancy, providing an intuitive migration to the new 54 Mbps radio standard. It includes a PC card that is added to your existing dual-slot AP-2000 Access Points and delivers full support for 802.11g and 801.11b clients, protecting your investment. The Kit is part of ORiNOCO's family of WLAN infrastructure and client products – the complete solution for any enterprise or public hotspot.

### Upgrade Your WLAN To Higher Speeds: from 11 Mbps to 54 Mbps

The AP-2000 11b/g Kit delivers an easy, cost-effective migration path to new standards. It allows an effortless upgrade of your existing AP-2000 Wi-Fi infrastructure to a mixed standards WLAN infrastructure, creating a tri-mode 802.11b/802.11g/802.11a or dual mode 802.11b/802.11g network, and offering the highest levels of security, scalability and performance. When combined with the AP-2000 5GHz Kit, it can support 11g, 11b and 11a clients, making the AP-2000 by far the most flexible platform available.

Delivering high-speed (54 Mbps) capabilities in the 2.4GHz band, the Kit makes bandwidth-hungry applications and transfer of large files accessible via wireless devices. It can support any combination of client devices and provide capacity that matches your throughput needs. With the ability to continue using your current AP-2000 Access Points, your infrastructure investment is fully protected: you can take immediate advantage of the higher data rate and LAN throughput of the new radio standard, without the cost or hassle of a forklift upgrade. The combination of the 11b/g Kit and the AP-2000 creates a market-leading, enterprise class Access Point that is fully compliant with the 802.11b/g standard – ensuring one hundred percent problem-free interoperability.

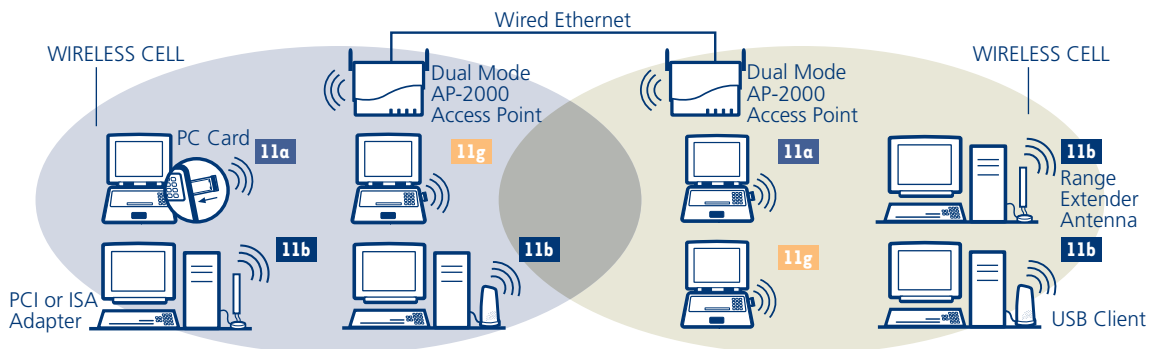
### APPLICATIONS

#### AP-2000 with the 802.11b/g Kit

- Enterprises: improved productivity with mobile network, Internet, and email inside buildings, around campus
- Universities: flexible, immediate, mobile faculty and student connectivity in dorms, classrooms, offices
- Public hotspots: new revenue streams with high-capacity WLAN and Internet access
- Quick network build-out for new employees
- Hospital-wide transmission of bandwidth-intensive medical data and image files

### FEATURES

- CardBus hardware with integrated diversity antennas
- External antenna connector for improved range in locations with inadequate RF reception
- Allows dual mode 11g and 11b Access Point, improved performance with 11b/g in one slot and 11b in 2nd slot
- Allows tri-mode 11b/g and 11a Access Point



Supporting 11g and 11a clients requires the AP-2000 11g Kit and the AP-2000 5GHz Kit with the AP-2000

## ORiNOCO AP-2000 11b/g Kit Specifications

### FREQUENCY

2.4GHz ISM band

### MEDIA ACCESS PROTOCOL

CSMA/CA (Collision Avoidance) with Ack

### INTERFACE

CardBus

### STANDARD

IEEE 802.11g

### RANGE

Semi open office	15m 120m	54 Mbps 6 Mbps
Open environment	40m 400m	54 Mbps 6 Mbps

### OUTPUT POWER

17 dBm

### ANTENNA

Two onboard diversity antennas

External antenna connector for external antenna

### DATA RATES

IEEE 802.11g compliant 54, 48, 36, 24, 18, 12, 6 Mbps with automatic fall back

### MODULATION TECHNIQUE

Orthogonal Frequency Division Multiplexing (OFDM) 64 QAM, 16 QAM, QPSK, BPSK with rate fallback

### COMPLIANCE

US	FCC
Europe	ETS
Japan	MKK

### TEMPERATURE RANGE

0°C – 70°C; 95% max. humidity (non condensing)

### WARRANTY

3 years

### RELATED PRODUCTS

AP-2000, AP-2000 5GHz Kit, PC Card, Extended Antenna

### ORDERING INFO

8800-FC	ORI AP-2000 11B/G KIT FCC
8800-ET	ORI AP-2000 11B/G KIT ETS
8800-JP	ORI AP-2000 11B/G KIT MKK
8800-IL	ORI AP-2000 11B/G KIT IL

