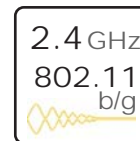
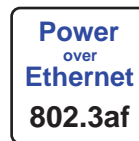




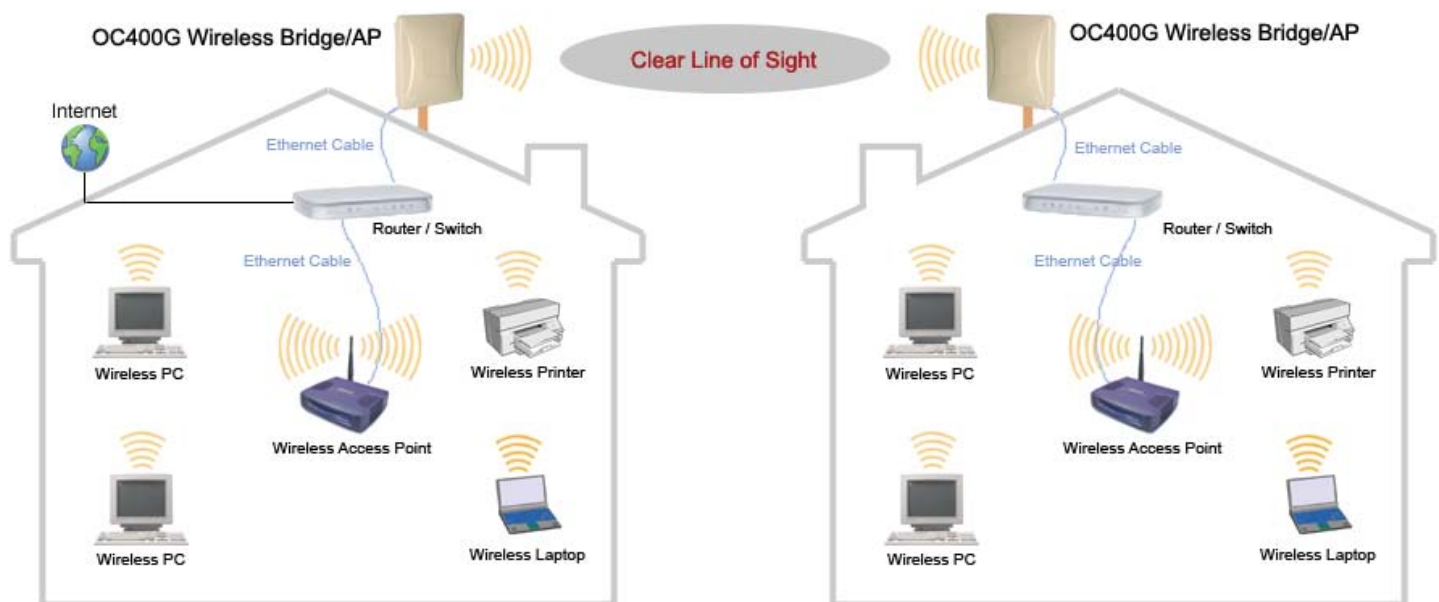
## Long Range Bridge/Access Point with Integrated Antenna

- 400mW output power for excellent wireless performance and range
- Integrated 9 dBi or 16 dBi directional patch antenna eliminates costly additional hardware (antenna, antenna cables, connectors) and provides easy installation
- Multi-functional - can be used either as a Bridge or Access Point for Point-to-Point or Point-to-Multipoint wireless connectivity
- 802.3af Power over Ethernet for flexible deployment and cost savings
- Supports 802.1x, EAP-TLS, WEP, WPA/WPA2 Security
- IP67 rated (watertight and weatherproof) enclosure for true outdoor operation
- Compatible with 802.11b and faster 802.11g for heavy data payloads



## Ultimate range and functionality for Outdoor Wireless!

The OC400G is a multi-functional high-powered unit that can be used either as a bridge or access point. This integrated unit contains a powerful 400mW radio with either a 9 dBi (OC400G-I9P) or 16 dBi (OC400G-I16P) directional patch antenna for maximum performance. The integrated design provides easy installation eliminating the need for costly antenna cables. The OC400G features the flexibility you need for various deployments such as 802.3af certified PoE. Security features include 802.1x, EAP-TLS, and WPA/WPA2 to give you a peace of mind.





## Technical Specifications: OC400G

### General

#### Standards

802.11b 802.3af  
802.11g 802.3u  
802.3 802.1x

#### Data Rates

1, 2, 5.5, 6, 9, 11, 12, 18, 24, 36, 48, 54 Mbps

#### Power Requirements

Active Ethernet (802.3af) - 48VDC/0.375A

#### Regulation Certifications

FCC Part 15

### Radio Information

#### Frequency Band

2.400 - 2.484 GHz

#### Media Access Protocol

Carrier Sense Multiple, Access with Collision, Avoidance (CSMA/CA)

#### Modulation Type

OFDM  
DBPSK @ 1 Mbps  
DQPSK @ 2 Mbps  
CCK @ 5.5 and 11 Mbps  
BPSK @ 6 and 9 Mbps  
QPSK @ 12 and 18 Mbps  
16-QAM @ 14 and 36 Mbps  
64-QAM @ 48 and 54 Mbps

#### Operation Channels

11 (North America)

#### Receive Sensitivity (Typical)

802.11 g:  
-88dBm @ 6 Mbps  
-70dBm @ 54 Mbps  
802.11b:  
-92dBm @ 1 Mbps  
-85dBm @ 11 Mbps

#### Transmit Output Power (Typical)

802.11g:  
Up to 26dBm @ 1~24 Mbps  
23dBm @ 36 Mbps  
21dBm @ 48 Mbps  
20dBm @ 54 Mbps  
802.11b:  
Up to 26dBm @ 1~11 Mbps

#### Antenna

Model OC400G-I9: 9 dBi internal flat panel directional antenna  
Model OC400G-I16: 16 dBi internal flat panel directional antenna

### Networking

#### Topology

Ad-Hoc, Infrastructure

#### Operation Mode

Point-to-Point / Point-to-Multipoint Bridge, Access Point, WDS

#### Interface

10/100 Mbps RJ45 LAN port

#### Security

802.1x Authenticator / RADIUS client (EAP-MD5/TLS/TTLS) support in AP mode  
WPA2/WPA / Pre-share KEY (PSK) / AES / TKIP  
MAC address filtering  
Hide SSID in beacons

#### IP Auto-configuration

DHCP client/server

### Management

#### Configuration

Web-based configuration (HTTP)  
SNMP V1, V2c (MIBI, MIBII)

#### Firmware Upgrade

Upgrade firmware via web browser

### Physical

#### Dimensions

5 3/8" W x 6 1/5" H x 2" D

#### Weight

2.6 lbs (1.2 kg)

### Environmental

#### Temperature Range

Operating: -20 C to 60 C (-4 F to 140 F)  
Storage: -40 C to 80 C (-40 F to 176 F)

#### Humidity

5%~95% Typical

### Package Contents

- Outdoor Wireless Client Bridge unit
- 48V, 0.375A AC/DC adapter with wall plug power code
- Inline Power Injector (PoE)
- 1.8m Grounding Cable
- Wall mounting kit
- Mast mounting kit
- Waterproof kit
- User's manual CD-ROM

\* Theoretical wireless signal rate based on IEEE standard of 802.11a, b, g chipset used. Actual throughput may vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual throughput rate. Environmental factors may adversely affect wireless signal range.

\*\* All specifications are subject to change without notice.