

## AIRTIES WOB-201 Wireless Outdoor Bridge Repeater / Access Point



Outdoor Wireless Communications Between Buildings!

### Wireless Outdoor Bridge, Access Point, Repeater

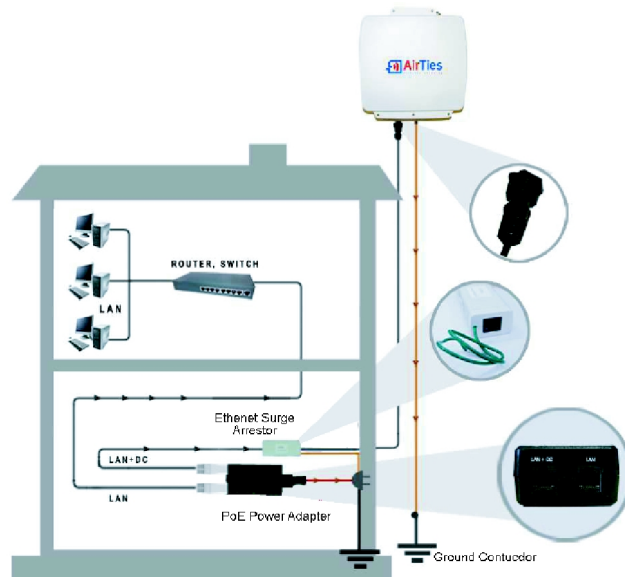
Developed especially for setting up secure wireless networks between buildings that are far apart, the AirTies WOB-201 provides high performance, low cost wireless communications outdoors under all weather conditions.

With its internal 14dBi directional antenna, the WOB-201 enables you to set up point-to-point and point-to-multipoint (max. 16 points) connections. It is an ideal solution for campuses, industrial zones, and companies that spread out over multiple buildings, ensuring enterprise and community-wide connectivity. Moreover, it is capable of mounting an external antenna, and can be used to create an outdoor HOTSPOT through the use of an external omni-directional antenna.

WOB-201 supports the latest security standards for wireless network security. Using any of WPA (Wi-Fi Protected Access), WPA2 or 64/128 bit WEP (Wired Equivalent Privacy) encryption methods, you can encrypt your wireless broadcast and protect your wireless network from unauthorized access. Additionally, using the MAC Address filtering feature, you can allow access to your wireless network only by the computers you configure.

All of the WOB-201 electronics are sealed in a weather-proof enclosure for mounting outdoors. With the Power over Ethernet (PoE) feature, the power supply remains indoors and only a single Ethernet cable goes between the indoors and the outdoor unit.

WOB-201 is designed to transmit in the unlicensed 2.4 GHz band. It can be integrated into your existing Ethernet network seamlessly. It can be configured easily using the Web user interface.



# AirTies



## Main Features

- Three different operation modes: Bridge, Repeater, Access Point
- Can be used as an Access Point by mounting an external omni-directional antenna.
- Wireless data rates of up to 54 Mbps
- Operates in the unlicensed 2.4 GHz band
- Up to 4 km range for outdoor point-to-point connections
- Outdoor unit can withstand harsh weather conditions
- Ethernet surge arrestor
- PoE support: ability to receive power over the Ethernet cable
- Advanced Wireless Security: support for WPA, WPA2, WEP encryption
- MAC Address filtering
- DHCP server
- Web interface for configuration and management
- 24x7 technical support by a highly trained AirTies support team, backed up by the expert AirTies R&D team
- 3 year extended warranty

## Technical Specifications

- Fully compatible with the IEEE 802.11b and IEEE 802.11g standards
- 14 dBi directional internal antenna
- Maximum On-board Transmitter Output Power: 17 dBm
- RF Output Power: 6 dBm when used with the internal 14 dBi directional antenna
- Frequency range: From ETSI 2400MHz to 2483.5MHz (13 channels, 3 not overlapping)
- Industrial grade weather-proof IP67 enclosure
- One 10/100 Mbps Auto MDI/MDIX Ethernet port
- Ethernet Standards: IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.1d
- Class 2 Device

## Physical Specifications

- Dimensions: 250mm x 260mm x 70mm
- Weight: 900 grams
- Power Adapter Input: 100-250 V~, 50-60 Hz, 0.5 A
- Power Adapter Output: 48 V, 0.4 A
- Operating Temperature: -10°C ~ +65°C
- Storage Temperature: -20°C ~ +70°C
- Humidity: Maximum %95

## Minimum System Requirements

- For the installation and configuration of the device: A computer that has an Ethernet adapter and runs any one of the Windows, UNIX, Linux, or Mac operating systems

## Package Contents

- AirTies WOB-201 Outdoor Bridge/Repeater
- Mounting Kit
- PoE power adapter and cable
- Ethernet cable with a weatherproof connector (3 m)
- Ethernet Surge Arrestor
- Grounding cable
- User Manual