

## BL4002/BL4003

**BL4002/BL4003** is outdoor Wireless LAN systems that offer excellent broadband communication in the temperature range of 0~60°C. This system is used for point-to-point radio frequency (RF) solution that connects multiple local area networks (LAN) among the different buildings. It supports up to 11Mbps data rate by incorporating DSSS(Direct Sequence Spread Spectrum) technology.

### Specifications of ODU

#### Device Interface

Ethernet Interface : IEEE 802.3 10/100 Base T ( RJ-45 )

#### Wireless Network Connection

Standard: IEEE 802.11b

Frequency Range: 2400-2483.5 MHz

Data Rate : Supports up to 11 Mbps automatically

Throughput: 5Mbps Typical

Emission Type: Direct Sequence Spread Spectrum

Channel : 11 channels

Modulation : BPSK / QPSK / CCK

Output power : 27dBm(BL4002)/ 30dBm(BL4003)

#### Protocols

Security: WEP Encryption 64-bit and 128-bit

Network: SNMP, TCP/IP, IPX/SPX, NetBEUI

#### Operating System Support

Supports Windows 98/Me/2000/NT/XP

#### Network Architecture

PTP Connection ( point to point )

#### Power Requirements

Input: AC 100-264V, 50-60Hz

#### Physical Description

ODU (280 w × 236 d × 116 h ) mm; 2.8 kg

#### Operating Environment

Operating Temperature : ODU (0 ~ 60°C )

Storage Temperature : -20 ~ 80°C

Humidity Range: 85 % , non-condensing