

## BL4012

**BL4012** series 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 802.3 100/10 Base T ( RJ-45 )

#### Wireless Network Connection

Standard: IEEE 802.11b

Frequency Range: 5725-5850 MHz

Data Rate : Supports up to 11 Mbps automatically

Throughput: Max 5Mbps

Emission Type: Direct Sequence Spread Spectrum

Channel : 11 channels

Modulation : BPSK / QPSK / CCK

Output power : 0.2W

#### Protocols

Security: WEP Encryption 40-bit and 128-bit

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

#### Operating System Support

Supports Windows 98/2000/NT/XP

#### Network Architecture

PTP Connection ( point to point )

#### LED Indicator

Power, Act, Signal Strength

#### Power Requirements

Input: AC 100-264V, 50-60Hz, 21W

#### 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°C, non-condensing

## Specifications of Detachable Antenna

### **KBNT5824-16 5.8GHz WLAN 24 dBi Panel Antenna**

Frequency: 5725-5875MHz

Gain: 24 dBi

Impedance: 50  $\Omega$

Beam width: H6 V6

Maximum Input Power: 50W

Lightning Protection: DC Ground

Connector: N type female

VSWR = 1.4

Dimension: 350 (H) x 350 (W) x 37 (D)mm, 1.2kgw

Rated Wind Velocity: 60 m/s

Mounting Hardware: F30-F70



### **KBNT5826-13 5.8GHz WLAN 26 dBi Grid Parabolic Antenna**

Frequency: 5725-5875MHz

Gain: 26 dBi

Impedance: 50  $\Omega$

Beam width: H6 V8

Polarization: Linear, Vertical

Front to Back Ratio: > 30 dB

Maximum Input Power: 200W

Lightning Protection: DC Ground

Connector: N type female

VSWR = 1.4

Dimension: Caliber 520 x 450 mm, 2.6kgw

Rated Wind Velocity: 60 m/s

Mounting Hardware: F30-F60

