

Winpower WP-3000

2.4GHz Outdoor All-in-one Bridge Solution



Features & Benefits

- **ISM 2.4GHz**
 - **DSSS technology**
 - **Up to 10km transmission distance**
 - **36dBm ERIP**
- Output power**
- **Power over Ethernet**
 - **Easy management using SNMP**
 - **Wide Operating Temperature range from -15° to 60°C**
 - **Waterproof Outdoor Unit**
 - **Up to 5Mbps wireless LAN**
 - **Inbuilt Patch Antenna Gain 15dBi (Horizontal 20°) (Vertical 33°)**

WP-3000 series are outdoor Wireless LAN systems that offer excellent communication in the temperature range of 0~60°C. This system is used for point-to-point and point-to-multipoint 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 for ODU

Device Interface

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

IDU & ODU Interface : N-type female connector for outdoor unit

Wireless Network Connection

Standard: IEEE 802.11b

Frequency Range: 2400-2484 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

Sensitivity: -98dBm

Output power: EIRP 36dBm

Protocols

Security: WEP Encryption 64-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)

PTMP Connection (point to multi-point)

Antenna Integrated

Gain 15dBi

Beam width: H20° V33°

Power Requirements

Input: AC 100-264V to 24VDC

Power Consumption: 400mA

Physical Description

ODU (272 L × 176 W × 60 H) mm; 2.1 kg

Operating Environment

Operating Temperature : ODU (-15 ~ 60°C)

Storage Temperature : -20 ~ 80°C

Humidity Range: 85%, non-condensing

Warranty

One Year Limited Warranty

Winpower