

Winpower WP-3010

5.8GHz 54Mbps Outdoor Broadband Bridge Solution



Features & Benefits

- **ISM 58GHz**
- **DSSS technology**
- **Up to 10km transmission distance**
- **0.2W Output power**
- **Power over Ethernet**
- **Easy management using SNMP**
- **Wide Operating Temperature range from -15 to 60°C**
- **Waterproof Outdoor Unit**
- **Up to 54Mbps wireless LAN**

WP3010 series are outdoor Wireless LAN systems that offer excellent communication in the temperature range of -15~60°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 54Mbps 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)

ODU Interface : N-type female connector for outdoor unit

Wireless Network Connection

Standard: IEEE 802.11a

Frequency Range: 5725-5825 MHz

Data Rate : Supports up to 54 Mbps automatically

Throughput: Max 34Mbps

Emission Type: Direct Sequence Spread Spectrum

Channel : 5 channels

Modulation : OFDM , BPSK , QPSK , 16-QAM , 64-QAM

Output power : 0.2W

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)

Power Requirements

Input: AC 100-264V, to DC 24V, 1.5A

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°C, non-condensing

Warranty

One Year Limited Warranty

Winpower