

JALO Outdoor Model 1000series Broadband Wireless Solution

The 1000series is the essence of connection to Wireless Outdoor Network. Compact and Light Equipment with 200mW Output Power , Fast data speeds , Easy to install and Reliable Access. 1000series offers Integrated and connectorized models. Interconnectable to the existing 10/100Mbps Local Area Network (LAN). For networking it is the ideal mechanism to deliver broadband access to corporates, telcos, ISPs, residential users, SOHOs and SMEs customers. It supports two operational modes, the AP mode and the CPE mode, respectively. Built-in remote management features simplify the deployment and reduce the Total Cost of Ownership and Operational Maintenance

- IP65 Approved
- Weather-Proof Metal Enclosure
- 200mW Output Power
- Dual Function Support
- Remote Management
- MIB II support
- Power over Ethernet (PoE)
- Integratable in MESH system
- Wifi Corporate and ISP Infrastructure

Administration

Web-based management interface
Remote configuration and management
Remote diagnostics
Remote firmware maintenance
Auto-recovery while detecting fault in the system
MIB II support

AP Mode

IEEE 802.11b/g
Suppressible ESSID broadcast capability
Support authentication: WPA-PSK, WPA2-PSK, IEEE 802.1x
Support data encryption: WEP (64/128-bit), WPA/WPA2 with TKIP or AES-CCMP
Provide MAC address access control list

CPE Mode

IEEE 802.11b/g client mode to connect to AP
Support WPA client to secure connection (authentication and encryption) to source AP
Bandwidth management to manage the uplink and downlink throughput
Built-in NAT to support IP sharing on the LAN side for multiple users to get access to the Internet
Built-in DHCP server
Support for control for suspending and resuming service
Built-in firewall to protect the attack from the Internet



15dB Model front side

Specification

Standards	IEEE 802.11b/g, IEEE 802.3u 100Base-TX Fast Ethernet ANSI/IEEE 802.3 N-way Auto-Negotiation
Channels & Frequency	◆ USA (FCC): 2.412GHz ~ 2.462GHz (Ch1-11) ◆ Europe (CE): 2.412GHz ~2.472GHz (Ch1-13)
Output Power	23 dBm (200mW)
Data Rate	54, 48, 36, 24, 18, 12, 11, 9, 6, 5.5, 2, and 1Mbps
Security	64-bit, 128-bit WEP encryption MAC Address filter 802.1x WPA (Wi-Fi Protected Access)
Modulation Techniques	54g : 54g OFDM (64QAM,16QAM,QPSK,BPSK) 11b : DSSS(CCK, DQPSK,DBPSK)
Receive Sensitivity	802.11b 1Mbps: -91dBm, 2Mbps: -88dBm,5.5Mbps:-85dBm,11Mbps:-83dBm 802.11g 6Mbps:-88dBm,9Mbps:-87dBm,12Mbps:-84dBm,18Mbps:-82dBm 24Mbps:-79dBm,36Mbps:-75dBm,48Mbps:-69dBm,54Mbps:-68dBm
Management	Web-Based configuration and management
Power Requirement	12 VDC, 0.4 A input.
Physical Dimension	Type 10 : 16Lx10Wx6D Type 15 : 30Lx23Wx6.5D
Weight	
Temperature	Operating: 0~50 ℃ Storing: 0~70 ℃
Humidity	95% maximum (non-condensing)
Safety & Emission	FCC , CE



10dB Model Mounted at The Pole

Distributor