

WB5G-12E Product Specifications Document

Description:

YUNCORE® WB5G-12E It is a high-performance, high-speed outdoor long-range omnidirectional wireless bridge, featuring long transmission distance, strong penetration capability, and excellent anti-interference performance.

Features:

- Supports intelligent channel analysis and automatic optimal channel selection, with a maximum speed of 867Mbps.
- External 12dBi Dual-Polarized Omnidirectional Antenna
- Supports one-key pairing.



| Specifications | |
|---------------------------------|--|
| 5GHz Operating Frequency Band | 5.150GHz ~ 5.850GHz |
| 5GHz WIFI Transmission Protocol | 802.11 a / n /ac wave2 |
| Antenna | 2 RP-SMA-J connectors (external thread, internal pin), external omnidirectional antenna, gain: 12dBi |
| Wireless Speed | 867Mbps |
| 5GHz Wireless power | < 25±2dBm |
| Interface (WAN) | 1/10/100/1000M Self-adaptive WAN Port, Supports 12V non-standard PoE power supply |
| Interface (LAN) | 1/10/100/1000M Self-adaptive LAN Port |
| Power supply | PoE 12V, DC 12V |
| Max Power Consumption | < 10W |
| Rest Button | hold 10 seconds to restore factory defaults, Press for 1 second to initiate pairing |
| Slide Switch | One-touch master/slave configuration |
| Status indicator | SYS LED、WAN Port LED、LAN Port LED、5G WiFi LED、Signal Strength LEDs × 4 |
| Product Dimensions、Weight | 186×86×40mm、0.4kg (Weight) |

| | |
|---------------------|--|
| Work Environment | Working:-30°C to 55°C; Storage: -40°C to 70°C; Humidity: 5% ~ 95% (Non-Condensing) |
| IP-rated protection | IP65 |

| Software Features | |
|---------------------------------|---|
| Status Display | Displays work mode, Network topology, Signal strength, CPU/memory usage, Real-time traffic rate, Device description LAN info, Wireless info, Bridge info, WAN info (gateway/WISP). |
| Work Mode | AP Mode, Bridge Mode, WISP Mode, Gateway Mode |
| CPE Management (AP/Bridge Mode) | Self-management function for bridges based on the proprietary GHCP protocol |
| Wireless Features | SSID Broadcast, Hidden SSID, Channel Selection, Encryption Method (NONE, WPA/WPA2PSK-AES), Max Client Limit (0-64), Virtual AP Support (2) Country Code, Client Isolation, DFS, Radio Mode (2x2 MIMO/SISO) MAC Access Control: Supports Blacklist/Whitelist Mode to restrict specific MAC addresses from accessing WiFi Scheduled Shutdown BSSID Lock, Auto-Restart Policy (Watchdog Mechanism) |
| Security Center | URL Filtering IP Address Filtering MAC Address Filtering Port Mapping DMZ |
| Network Features | IPv4/IPv6 Port Settings Ping Traceroute LLDP Settings Cloud Platform Static DHCP: Binds MAC addresses to fixed IPs, supports 32 rules Remote Login, VPN (IPsec/PPTP/L2TP) Static Routing: Supports 16 routing rules |
| Device Management | Configuration Management Scheduled Reboot Firmware Upgrade NTP , Manual & Host Time Synchronization |

ODM-focused wireless communications solutions manufacturer.

| | |
|--|--------------------------------|
| | System Log, Remote Log |
| | HTTP, Telnet, SSH, SNMP |
| | Traffic Control Settings |
| | Time Group/IP Group Management |
| | DDNS Settings |