

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, WPA3-SAE, EAP), Max Client Limit (0-64), Virtual AP Support (2)
	Country Code, Client Isolation, DFS, Radio Mode (2×2 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

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