YUNCORE Shenzhen Yunlink Technology Co.,LTD

WB6axH6-20 Product Specifications Document

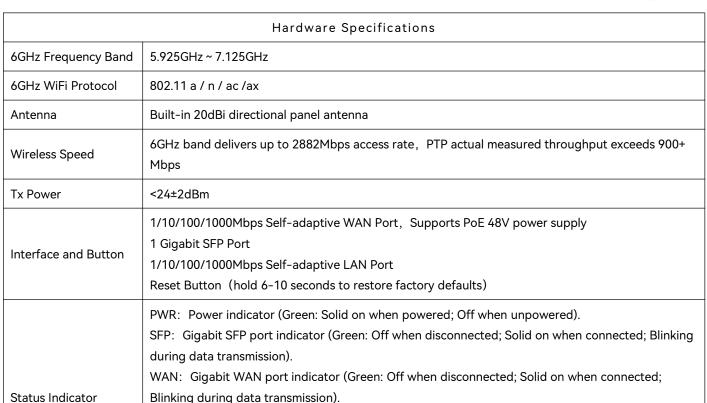
Description:

YUNCORE® WB6axH6-20 is a high-performance, high-speed industrial-grade long-range WiFi 6E wireless bridge,

featuring extended transmission distance, strong penetration capability, and robust anti-interference performance, etc.

Features:

- Built-in 20dBi dual-polarized directional panel antenna, with a maximum transmission distance of 16 km.
- Metal base shell, IP67 protection, enhancing operation in harsh environments.
- Supports VLAN transparent transmission, with optional GPS and Bluetooth customization.



LAN: Gigabit LAN port indicator (Green: Off when disconnected; Solid on when connected; Blinking

WiFi: WiFi indicator (Green: Solid on when WiFi is enabled and connected; Blinking while searching;

during data transmission).

Off when disabled).

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	 L: Signal strength indicator (Green: Solid on if ≥ set threshold; Off if < threshold). M: Signal strength indicator (Green: Solid on if ≥ set threshold; Off if < threshold). H: Signal strength indicator (Green: Solid on if ≥ set threshold; Off if < threshold).
Power Supply	DC2.0 12V 1.5A, PoE 802.3at
Power Consumption	<12W
Product Dimensions	218mm×243mm×64mm
Net Weight	1.53kg
Work Environment	Working:-40°C to 70°C Storage: -40°C to 70°C Humidity: 5% ~ 95% (Non-Condensing)

	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

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	Cloud Platform
	Static DHCP: Binds MAC addresses to fixed IPs, supports 32 rules
	Remote Login, VPN (IPsec/PPTP/L2TP)
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