WB2-DT201 Product Specifications Document

Description:

YUNCORE® WB2-DT201 is a cost-effective dedicated wireless bridge for elevators, with an access distance of 1KM, stable and reliable performance, and strong anti-interference capability to ensure stable system operation.

Features:

- Supports intelligent channel analysis and automatic optimal channel selection, with a maximum speed of 300Mbps.

- Built-in 6dBi directional antenna, enabling wireless transmission within 1KM, specially designed for elevators.

- Supports one-key pairing.

Specifications	
Frequency Band	2.412 GHz ~ 2.484GHz
WiFi Protocol	802.11 b / g / n
Antenna	Built in 2.4GHz Panel directional antenna gain: 6dBi
Wireless Speed	300Mbps
Tx Power	< 20±2dBm
Interface (WAN)	1/10/100M WAN Port, Supports 12V non-standard PoE power supply
Interface (LAN)	1/10/100M LAN Port
Power supply	PoE 12~24V, DC 12V
Power Consumption	< 3W
Reset 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, WAN Port, LAN Port, WIFI, Indicator light×4
Dimensions	168mm×86mm×39mm
Net Weight	0.2kg
Work Environment	Working:-30℃ to 55℃; Storage: -40℃ to 70℃; Humidity: 5%～95%（Non-Condensing）
IP-rated Protection	IP65

Software Features	
Dashboard	Wireless AP download，Wireless AP upload rate， System uptime
	Device information (description, LAN status, WiFi configuration)
Operation Mode	AP Mode: Provides wireless coverage to client devices while connecting to upstream router via Ethernet for WAN access.
	Universal Repeater Mode: Establishes wireless connection to another AP while simultaneously providing wireless coverage to clients.
CPE Management	Self-management function of the bridge based on the private protocol GHCP
Wireless Features	SSIDQuantity： 4，Supports Chinese SSID and management SSID
	Hidden SSID capability
	Wireless encryption： OPEN、WPA/WPA2PSK-TKIPAES
	Wireless MAC address filtering: Supports whitelist (32 entries)
	Relay function
	Scheduled WiFi shutdown
	User isolation: Isolation between wireless networks and internal AP isolation
	Transmit power adjustment
	Wireless client limit，Supports a maximum of 64 users
	IGMP Snooping
	Multicast acceleration
Network Features	IPv4 Address： Supports static IP， GHCP， Obtaining the address from the gateway
	VLAN Settings
	Cong
	Cloud platform integration
Device Management	Configuration backup
	Configuration restore
	Factory reset
	System reboot (immediate or scheduled)
	Firmware upgrade
	Time management (display and NTP synchronization)