5.8G Wireless Bridge

Model No. : AEO-WB7510

5.8G Elevator monitoring dedicated wireless bridge can be applied inside the elevator video surveillance transmission, and by using its multiport of Ethernet port that connected with the media ADS inside of elevator, the content can be updated on time. Return link can be based on the existing property of the network or assemble outdoor wireless equipment.

Wireless Bridge includes the dedicated transmission equipment of 2.4G Elevator monitoring. It is designed with unique built-in XTrans wireless technology, which
combines industry-leading core technologies with advantages of long range transmission, high throughput and strong anti-jamming features. 5.8G Elevator
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Product Features

- Using high-performance 802.11n 2X2 MIMO chips, the maximum transfer rate up to 300 Mbps.
- Supports a variety of operating mode: access point, client, and repeater.
- Product using XTrans of core technologies, including TDMA, smart rate control, auto-ACK timeout adjus tment technology.
- Supports point to point or point to multipoint transmission.
- Unique antenna, RF amplifier, low-noise receiver designed to ensure remote video, voice and data tran smission.
- Customize commonly used scenarios and work patterns, accessible to unprofessional operators when i nstallation.
- Unique TDMA technology can maximize the use of resources, better support for point to multipoint dat a transmission.
- You can remote control and management via a Web page for easy configuration.
- Waterproof and UV-resistant shell ensure that equipment in the outdoor stable work.

Technical Parameter

Wireless	Standard	IEEE802.11 a/n(2T2R 300Mbps)
	Working frequency	5740-5825MHz (supports frequency upgrading: 4920-6100MHz)
	Modulation mode	802.11 a/n: OFDM
	Antenna	Built-in atenna: Gain15dBi
	Power output	+24dBm(@6.5Mbps,11a), +23dBm(@300Mbps,11n)
	Receiving sensitive	-72dBm @ 65Mbps, -94dBm@6Mpbs
	Transmission rate	11n:13.5/15/27/30/40.5/45/54/60/81/90/108/120/121.5/135/150/162/ 180/216/240/270/300Mbps(40M Signal channel bandwidth) 130/117/104/78/65/58.5/52/39/26/19.5/13/6.5Mbps (20MSignalchannel bandwidth)
		11a: 54/48/36/24/18/12/9/6Mbps(Self-adaptive)
Hardware part	Working voltage	24V POE
	Interface	POE
	Indicator	Wi-Fi indicator/LAN indicator/Power light/RSSI
	Working temperature	-30°C ~ +70°C
	Storage temperature	-40°C ~ +85°C
	Relative humidity	5% ~ 95%RH Non-condensing
	Dimension	Shell: 280*80*30(mm)
Software part	Encryption method	802.1x/WPA-PSK/WPA2-PSK
	Network mode	Router /Bridge connection
	Working mode	AP/CPE/WDS AP/WDS CPE/WDS Repeater
	Security mechanism	IP/MAC address filtering,A hidden network name
	Network protocol	TCP/UDP/ARP/ICMP/DHCP/HTTP/NTP
	TDMA expansion	Support(TDMA eliminate the influence of hidden points, significantly improve the one-to-multipoint performance)
	ACK auto-tuning	Support(Automatic optimization of parameters in the long range communication, enable optimal performance)
	Management and logging	NTP,SNMP,Syslog,Telnet
	Web configuration management	Support Web configuration
	Firmware upgrade	Support Firmware Web upgrade
	Flexible bandwidth configuration	5M/10M/20M/40MHz