HUI-Tenda

Shenzhen HUI-Tendda Ages Industry CO.,Ltd.
Add:2nd Flr,19# 10th Shajingtou,Matigang,Dalingshan,Dongguan,Guangdong,China.
Skype:live:carolzhangsw   Mobile/Wechat/Whatsapp:+86-15989491832

5.8G 300Mbps Elevator digital bridge
HUI-WQ58300WR

HUI-WQ58300WR is a high-performance enterprise-grade outdoor bridge product that supports 802.11ac technology in the 5G frequency band. Unique digital tube pairing technology, without computer configuration, can easily complete the pairing of point-to-point, point-to-multipoint (within 8 points) devices. Fast network interface, 5G 802.11ac wireless processing speed up to 300Mbps. The power supply mode is flexible, supporting 24V PoE network cable power supply and 12V 1A DC local power supply, and the network cable power supply distance can reach 50-70 meters (related to the material of the network cable). It adopts outdoor IP65 windproof, rainproof, dustproof and sun protection grade shell design, which can easily adapt to various harsh outdoor environments. Built-in 14dBi high-gain, wide-angle directional panel antenna, easy and quick to install. It has the characteristics of high performance, high gain, high receiving sensitivity, high bandwidth, etc., which greatly enhances the wireless transmission performance and stability, and is widely used in medium and short distance video transmission and data transmission.

Product Parameters	
Model No.	HUI-WQ58300WR
IC Chipset	Qualcomm AR9533
Main Frequency	580MHz MIPS® 24KEc™ CPU
Wireless Tech	5G: 300M 802.11a/n/ac 1T1R technology
Memory	64MByte DDR2
Flash	8MB
Network Port	2*10/100Mbps self-adaptive Port

HUI-Tenda

Shenzhen HUI-Tendda Ages Industry CO.,Ltd.
Add:2nd Flr,19# 10th Shajingtou,Matigang,Dalingshan,Dongguan,Guangdong,China.
Skype:live:carolzhangsw   Mobile/Wechat/Whatsapp:+86-15989491832

Button	1*Reset,push for a second then number add one,push for 15 seconds means reset. The master is the access point mode, and the slave is the client mode
Indicator	SIG indicator; Ethernet indicato; Power indicator; System indicator; Digital tube indicator
Power	24V 0.5A POE Power supply； DC 12V 1A，Consumption＜10W
Working Environment	Temperature: -30℃～+55℃ (working), -40℃～+70℃ (storage) Humidity (non-condensing): 10% to 90% (working), 5% to 95% (storage)
Weight	0.5kg
Antenna	Built-in high gain 14dBi directional panel antenna (half angle of horizontal wave 60°, half angle of vertical wave 15°)
Frequency Range	ISM band: 4.900GHz ~ 5.850GHz
Channel distribution	5G：36、40、44、48、52、56、60、64、100、104、108、112、116、120、124、128、132、136、140、149、153、157、161、165
Modulation	OFDM = BPSK,QPSK,16-QAM,64-QAM,256-QAM;DSSS = DBPSK,DQPSK,CCK
Output Power	11a @54M:20±2dB, @6M:23±2Db 11n 20MHz：@MCS9:20±2dB, @MCS0:23±2dB 11n 40MHz：@MCS9:20±2dB, @MCS0:23±2dB 11ac 40MHz @MCS9:20±2dB, @MCS0:23±2dB 11ac 80MHz @MCS9:20±2dB, @MCS0:23±2Db
Receive sensitivity	11a: ＜-72dbm@54Mbps, ＜-89dbm@6Mbps 11n 20MHz: ＜-71dbm@MCS8, ＜-89dbm@MCS0 11ac 40MHz：＜-66dbm@MCS9, ＜-84dbm@MCS0 11ac 80MHz: ＜-63dBm@MCS9 ＜-81dBm@MCS0
EVM	802.11n: ≤-28 dB 802.11a: ≤-25 dB
Frequency Offset	＜±20ppm

HUI-Tenda

Shenzhen HUI-Tendda Ages Industry CO.,Ltd.

Add:2nd Flr,19# 10th Shajingtou,Matigang,Dalingshan,Dongguan,Guangdong,China.

Skype:live:carolzhangsw   Mobile/Wechat/Whatsapp:+86-15989491832

Operating mode	Master AP (bridge access point), slave AP (bridge client), switch by DIP switch
Networking method	Point-to-point, point-to-multipoint (within 8 points)
Management	WEB remote management
Bridge configuration	Wireless Mode: Bridge Access Point, Bridge Client Switch Bridge Access Point: Bridge SSID, encryption method (WPA2-PSK, WPA-PSK, no encryption), bridge password, wireless protocol, Wireless bandwidth, wireless channel, wireless power (100%, 75%, 50%, 25%, 10%, 5%) Bridge client: Bridge SSID, encryption method (WPA2-PSK, WPA-PSK, no encryption), bridge password, Peer MAC address lock, wireless channel, wireless power (100%, 75%, 50%, 25%, 10%, 5%)
Network	Static IP/Dynamic acquisition
System	Login password modification;Factory reset;Local upgrade