HUI-Tenda
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5.8G 1000Mbps Elevator digital bridge
HUI-WQ58900WR

HUI-WQ58900WR 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. Gigabit + 100M network interface, 5G 802.11ac MIMO technology wireless processing speed up to 1000Mbps. 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 dual excitation plate antenna, easy and fast installation. 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-WQ581000WR
IC Chipset	MTK7620A+7621E+IP1001M 900Mbps
Main Frequency	580MHz MIPS® 24KEc™ CPU
Wireless Tech	5G: 1000M 802.11a/n/ac 1T1R technology
Memory	64MByte DDR2
Flash	8MB
Network Port	2*10/100Mbps self-adaptive Port

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 indicator; Power indicator; System indicator; Digital tube indicator
Power	24V 1A 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

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
Network	Bridge: Static IP/Dynamic acquisition Gateway: static IP/dynamic acquisition/PPPoE
System	Login password modification;Factory reset;Local upgrade