SST-CPE590 5.8GHz 900MbpsWireless Bridge

Overview

SST-CPE590 is an high power industrial 5G outdoor CPE with the next generation 802.11ac Wi-Fi standard, combined 900Mbps high speed in 5G, equipped 2 10/100M LAN ports, 2 times Ethernet data rate faster than

normal CPE, it make more than 50 end users can access into it to enjoy seamless HD movies, streaming, online

gaming, wireless security and other bandwidth-intensive tasks. It is using air as a medium for network data

transmission to remote point-to-point or point to multi-point connectivity. It supports 5KM transmission distance

with two-way traffic flow up to 140M.

Features

Comply with IEEE 802.11ac/g/n, 5G,900Mbps Data Rate * 2x 10/100M LAN Ports * 500mW high power, build in 14dBi MIMO panel antenna, stronger signal strenght, more wireless coverage * Support passive PoE * With function of build in firewall, IP filter, URL filter and MAC filter * Comply with IEEE 802.3az standard, beamforming technology, RF power adjustment and frequency analyzer for better application in different environment * Support DDNS, VPN pass through, Port forwarding and DMZ host * Support 64/128-bit WEP security, 128bit WPA (TKIP/AES) security

SPECIFICATION

CPU	MT7620A+7612E;RAM 64MByte,FM 8MByte			
Interface	10/100Mbps LAN*2			
Data Rate	11a:54M,48M,36M,24M,18M,12M,9M,6Mbps			
	11n:7.2M,14.4M,21.7M,28.9M,43.3M,57.8M,65M,72.2M,14.4M, 28.9M,43.3M,57.8M,86.7M,115.6M,130M,144.4Mbps 433Mbps			
Transmission Mode	DSSS			
Modulation Mode	OFDM/BPSK/QPSK/CCK/DQPSK/DBPSK			
Wireless Standard	IEEE802.11ac IEEE802.11n,IEEE802.11a ,IEEE802.3u			
Protocal	CSMA/CA,TCP/IP,IPX/SPX,NetBEUI,DHCP,NDIS3,NDIS4,NDIS5			
Frequency	4900~6100MHz			
Power Consumption	≤3W			
Power	POE 24V 1A (Default)/POE 48V 0.5A (Optional)			
RF@25℃±2dB	802.11a &802.11ac	6-24Mbps	18±2dBm	
		36-48Mbps	16±2dBm	
		54Mbps	15±2dBm	
	802.11n	HT20	MCS 0-3	15±2dBm
			MCS 4	15±2dBm
			MCS 5	15±2dBm
			MCS 6	15±2dBm
			MCS 7	15±2dBm
		HT40	MCS 0-3	15±2dBm
			MCS 4	15±2dBm
			MCS 5	15±2dBm
			MCS 6	15±2dBm
			MCS 7	15±2dBm
Sensitivity	802.11a	6Mbps ≤ -89; 54Mbps ≤ -72		
	802.11n	HT20		MCS 0 ≤ -86; MCS 7 ≤ -72
		HT40		MCS 0 ≤ -83; MCS 7 ≤ -65
	802.11ac	802.11ac(HT80): ≤-83dBm@MCS0; ≤-58dBm@MCS9		
Antenna	Frequency	4900~6100MHz		
	Polarization direction	Vertical(60°horizontal / 30° vertical)		

SPECIFICATION

	DB	14 dBi
Management	WEB management	Support
	Telnet	Support
	Serial	Support
Security	MAC control	Support
	Encryption	WEP Encryption 64/128bits,WPA,WPA2,802.1x
Work / Storage Environment	Working	-30~65℃
	Storage	-50~80℃
	Moisture (non concentrated)	≤95%(non-condensing)
Size	310*95*75MM	
Weight	0.45kg	
Packing List	1* Outdoor CPE 1* 24V POE Power 1* Hose Clamp 1* Instructions 1* Certificate	

900Mbps
5.8GHz Outdoor CPE

5 km Monitoring Transmission

· Easy installation
· Dual network port POE power supply

airnet