CP658

LTE Outdoor CPE

3GPP Release 9

CAT4

FDD-LTE/TDD-LTE

WCDMA/GSM

The CP658 from SUNWAVE is a high-performance wireless communications product based on 4G network requirements. It is mainly used for data transmission services, equipment monitoring, wireless routing, and other functions. The CP658 adopts high-performance processor, which can process protocol and large amount of data at high speed. It can be used with a variety of 4G CAT4 module, providing 802.11b/g/n Wi-Fi access.

HARDWARE SPECIFICATIONS	
Flash	128MB
SDRAM	128MB
Ethernet LAN Port	FE WAN Port * 1 (POE) SIM Slot * 1
LED Indicators	POW/SIM/ETH/RUN/SIGNAL
Button	RESET Button
Power Supply	AC100V~240V,50Hz~60Hz DC 15V DC±10% 0.5A
Size	180 x 132 x 48 mm | 7.09 x 5.20 x 1.89 in
Weight	750 g | 1.65 lbs

ID DESIGN

RADIO SPECIFICATION	
Supported Bands*	LTE TDD: B38/39/40/41(200M)
	LTE FDD: B1/2/3/5/7/8/17/28A+B(20)
	WCDMA: 1/2/5/9
	GSM: 850/900/1800/1900 MHz
LTE MIMO	MIMO 2*2 (1TX 2RX)
LTE Output Power@25℃	23±2dBm
LTE Antenna	2 Built-in
LTE Antenna Gain	Directional Antenna > 6dBi (for high frequency bands)
	Omnidirectional Antenna:
	2600MHz: 5dBi
	1800MHz: 3dBi
	700MHz: 1.5dBi
LTE Peak Throughput	DL 150 Mbps, UL 50 Mbps
Wi-Fi	802.11 b/g/n
	Supports 2.4GHz/5GHz dual band
	MIMO 2*2 (2T2R)

* A single device cannot support all listed frequency bands, can be customized according to customer needs.

ENVIRONMENT SPECIFICATIONS	
Operating Temperature	-20 °C ~ +55 °C | -4°F ~ +131 °F
Storage Temperature	-20 °C ~ +70 °C | -4°F ~ +158 °F
Operating Humidity	95% Maxton-condensing
Storage Humidity	95% Maxton-condensing

SOFTWARE SPECIFICATIONS	
Operation Mode	NAT mode
	Router mode
Device Management	WebUI
	TR069
Network Protocols and Features	Multi-APN
	IPV4/IPv6 Dual Stack
	auto DNS or manual DNS
	ALG
	Static Routing
	UPnP
	DMZ

	DHCP server
VPN	PPTP
	L2TP
	GRE
	VPN PASSTHROUGHT
Firewall	MAC Address Filtering
	IP Address Filtering
	URL Filtering
	Port forwarding
	Port filter

Contact Us Today

en.sunwave.com