



# CP658

LTE Outdoor CPE

3GPP Release 9

CAT4

FDD-LTE/TDD-LTE

WCDMA/GSM

The CP658 from BTI WIRELESS 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

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

## ID DESIGN



RADIO SPECIFICATION	
<b>Supported Bands*</b>	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
<b>LTE MIMO</b>	MIMO 2*2 (1TX 2RX)
<b>LTE Output Power@25°C</b>	23±2dBm
<b>LTE Antenna</b>	2 Built-in
<b>LTE Antenna Gain</b>	Directional Antenna > 6dBi (for high frequency bands) Omnidirectional Antenna:
	2600MHz: 5dBi
	1800MHz: 3dBi
	700MHz: 1.5dBi
<b>LTE Peak Throughput</b>	DL 150 Mbps, UL 50 Mbps
<b>Wi-Fi</b>	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	
<b>Operating Temperature</b>	-20 °C ~ +55 °C   -4°F ~ +131 °F
<b>Storage Temperature</b>	-20 °C ~ +70 °C   -4°F ~ +158 °F
<b>Operating Humidity</b>	95% Maxton-condensing
<b>Storage Humidity</b>	95% Maxton-condensing

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

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

Contact Us

[www.btiwireless.com](http://www.btiwireless.com)[sales@btiwireless.com](mailto:sales@btiwireless.com)