



Technical Specifications

TrafficXHub™

Item	Value
Operating temperature	-40°C~75°C
Dimension	270x220x130 mm (10.6 x 8.6 x 5.1" inches)
Weight	1.8 Kg
Mean time between failures (MTBF)	100,000 hours
Power Supply Input Options	110-220VAC- 12VDC External Power Supply
	Solar Panel
	Power over Ethernet (PoE)
Power Consumption	Typical <4 W with GSM without Wi-Fi
	Typical <6 W with GSM with Wi-Fi
Bluetooth Module Classic	Class 1
	+18dBm TX power, -90dBm RX Sensitivity
Bluetooth Module Low Energy	+4dBm TX power (Max), -96dBm RX Sensitivity
Bluetooth Module Paired Mode	-98 RX Sensitivity
Wi-Fi Module	802.11 b/g/n
	-92dBm RX Sensitivity
Processor	Quad Core 1.2 GHz
RAM	1 GB SD
Antennas	Omnidirectional
	Bluetooth and Wi-Fi: 2400 MHz, 1.5, 2 dBi gain options, IP65
	GPS: 1574~1610MHz, 28dB gain, IP67
Operating System	Linux 3.1
Enclosure	IP68
GPS	SiRF Start 4, -163dBm tracking sensitivity, 48 Track channels
Cellular Modem	LTE: North America (B2, B4, B5, B17) Europe (B1, B3, B7, B8, B20)
Solar Panel Power (Optional)	50 W, 10 Amp Charge Controller
Available Ports	Ethernet
	USB (2 ports)
RF Compliance	FCC,IC Compliant