

Product Description

1. Built in CATM+NBIoT low-power IoT + ultra-low power BLE SOC processor to achieve ultra long standby
2. Build in GPS / Glonass / Beidou/ Galileo, and motion sensors to realize indoor and outdoor seamless positioning, and the data is transmitted to the platform and mobile APP through CATM (or NBIoT) network.
3. Low power Bluetooth BLE5.1 for more accurate indoor location (Bluetooth can scan, enabling Bluetooth connection to beacons)
4. IP67 Waterproof, 600mAh battery, Magnetic Charging
5. RGB LEDs Light bar

Product configuration: (● YES; ○ NO)

	IOT	GPS/Glonass	BLE	LED
WTQ-HT-100M	CATM+NBIoT	●	●	●

Appearance and Packaging



Product Specification

Category	Item	Description
Appearance	Size/Weight	44 x 27 x 18mm / 25g
	Color	White
	Material	PC + ABS
Platform	MCU	BLE5.1 Cortex-M4 SOC (for Scanning IBeacon, etc)
	Memory	64Kbits SRAM + 1Mbits Flash
WTQ-HT-100M	Network	Cat M1 (eMTC)
	Band	B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66 (Quectel BG770A Module inside)
	SIM Card	5*6mm ChipSIM
Location And Positioning	Location	GPS/Glonass/Galileo + BLE
	Satellite accuracy	5-20 meters in an open Sky (satellite positioning at least the device can correspond to 1/4 of the unshielded sky)
	BLE accuracy	Depending on the deployment density of ibeacons, point, plane, and stereo positioning can be achieved

		(If the beacon deployment density is 6-8 meters, the accuracy is 1-3 meters; if it works with the AOA Bluetooth gateway, it can reach the level of 1 meter)
	Wear detection	Built-in high-precision acceleration sensor, enter ultra-low power consumption mode without moving (think not wearing it)
UI Interface	LED	2 X RGB RED
	Keypad	1 Key in the Chager Cable.
Electrical Features	Battery	Li-ion Battery, 600mAh / 3.7V / Charging time: 2 Hours
	Charging	Magnetic Charging Cable (standard);
	Charger Adaptor	5V / 1A (Optional)
	Standby Time	Standby for more than 20 days; normal use: more than 7-10 days (default positioning report every 10 minutes)
Environment Features	Working Temp	-10°C ~ 60°C
	storage temp.	-30°C ~ 80°C
	Working humidity	-10% ~ 85% HR
	Waterproof	Not waterproof (waterproof jacket in Package)
Functions		
	Historical Track	Support historical data query for more than 100 days
	Alarm	SOS, Inside the fence, Outside the fence, Low Power, Power off, etc.
Other Featues	Blind spot supplementary	Support blind spot supplementary report (positioning data will be saved in locations where there is no signal, waiting for a signal to be transmitted centrally)
	G-Sensor	YES

For More information, please Check with WeTraq – www.wetraq.ca