



4G QT IRIDIUM 1000 PLANTWATCH GPS TRACKER



The 4G QT Iridium 1000 is the most advanced Global GPS solution for the machinery industry. It incorporates both a full band 4G LTE/WCDMA and Iridium SBD transceiver, providing truly global communications coverage, with full satellite communications where there is no GSM signal coverage, tracking and securing your asset worldwide. Protected in a rugged, IP 68 Waterproof casing, the QT 1000 provides a superior sensitivity GPS engine. Where ever your asset is, anywhere in the world, the 4G QT Iridium 1000 will track it, monitor it, and protect it, securing your absolute peace of mind.

The 4G QT Iridium 1000 is perfect for:



Excavators



Bulldozers



Dump Trucks



Road rollers



Crane trucks

FEATURES

- Iridium SBD transceiver, delivering truly global coverage
- Dual mode Full band 4G LTE/WCDMA/GSM coverage where available to reduce monthly data costs when in port
- High sensitivity -165 dBm (Tracking) fast acquisition GPS
- Multiple Digital Inputs with Analogue input and output
- SOS Button Optional
- Rugged IP68 waterproof casing
- DC Tolerance voltage, from 8V to 32V
- RS485 Bus Compatible Custom Accessories
- Internal Battery, 3.7V, 500m Ah
- Embedded 3D accelerate sensor
- Firmware update: Update over the air

DEVICE SPECIFICATIONS

• **Size:**

120mm (L) x 103mm (W) x 28mm (H)

• **Weight:**

215 g

• **Battery:**

Li-Po 3.7V 500mAh

• **DC Tolerance:**

8V to 32V

• **Operating temperature:**

-20 to 60 °C

• **Frequency:**

E:

FDD-LTE B1/B3/B7/B8/B20

UMTS/HSDPA/HSPA+ B1/B8

GSM/GPRS/EDGE 900/1800 MHz

A:

Tri-BAND FDD-LTE B2/B4/B17

UMTS/HSDPA/HSPA+ B2/B5

SA:

FDD-LTE B1/B3/B5/B7/B8/B28

Dual-Band UMTS/HSDPA/HSPA+ B1/B5

WIRING DIAGRAM AND EXPLANATION

Index	Color	Label	Description	Comment
1	Black	GND	GND	Power and digital ground
2	Red	PWR	Power	External power input, 9-36V DC
3	White	ARM	ARM	Open drain, 150Ma, For Fuel cut
4	Purple	ACC	ACC input	Digital input, positive trigger
5	Blue	A	RS485-A	RS485 bus, Differential signal A
6	Red-White	B	RS485-B	RS485 bus, Differential signal B
7	Orange	DOORM	DOORM Negative input	Digital input, negative trigger
8	Sky blue	LN1	Negative input	Digital input, negative trigger (SOS input)
9	Brown	DOORC	DOORC Negative input	Digital input, negative trigger
10	Green	ADC1	AD1	Analog input, Input 0-36V,If connect to fuel level sensor, Input 0-5V.
11	Gray	GND	GND	Power and digital ground
12	Pink	Trailer	Trailer	Analog input, Input 0-36V, If voltage more than 12V, trailer connected.

