



4G QT LTE 750 PLANTWATCH GPS TRACKER



4G/3G/2G network

Full band Cat 1 LTE/WCDMA and GSM connectivity.



IP67 water resistant

Specialized design provides a tough casing that stands up to the elements.



Flexible Configuration for:



excavators



bulldozers



dump
trucks



Crane
trucks



Optional Accessories:



temperature



fuel



canbus



bluetooth

DEVICE SPECIFICATION

• Dimension

80.5 mm x 60 mm x 23.5 mm

• I/O power cable length

50cm

• Power supply

DC 11~90 V/1.5A

• Power consumption

Current in standby mode: 65 mA

• Operating temperature

-35°C to 80°C

• Operating humidity

5% to 95%

• LED indicator

Green indicator showing the 2G/3G/4G signal

Blue indicator showing the GPS signal

• Button/Switch

1 upgrade button (used to manually upgrade the firmware) 1 power button

• Weight

100g

• Memory

8 MB buffer

• GPS sensitivity

-165 dB

• Positioning accuracy

2.5m

• Sensor

3-axis accelerometer (used to wake the device up by vibration and detect towing alerts, harsh acceleration alerts, and harsh braking alerts)

• Frequency band

LTE FDD: B1/B2/B3/B4/B5/B7/B8/ B12/B13/B18/B19/B20/B25/B26/B28,

LTE TDD: B38/B39/B40/B41,

WCDMA: B1/B2/B4/B5/B6/B8/B19,

GSM/GPRS: B2/B3/B5/B8

WIRING DIAGRAM AND EXPLANATION

Red - This should be connected to constant power, this means it does not lose power. Ensure the power source is constant.

Black - This should be connected to an earthing point, this is to create the power circuit.

Gray - This is a negative input, which can be used for an alarm integration.

White - This should be connected to constant ignition, this means it does not lose power during cranking or after the engine is running.

Blue - Analog input with 12-bit resolution and valid voltage 0–30 V. The port can be set to input 3 (positive/negative).

Yellow - This is for remote shutdown/kill and is an OPTIONAL fitment. It is a constant negative trigger and will require a relay to be connected.

Green - iButton or other 1-wire protocol. The port can be set to negative input 4 or output 2 open collector.

Pink - 5 V output.

Black - Temp sensor ground.

Purple - Device sends data through RS 232-Tx

Brown - Device receives data through RS 232-Rx

