



العنصر الذهبي
The
GOLDEN ELEMENT

QUICK MANUAL

GE-AM ECO



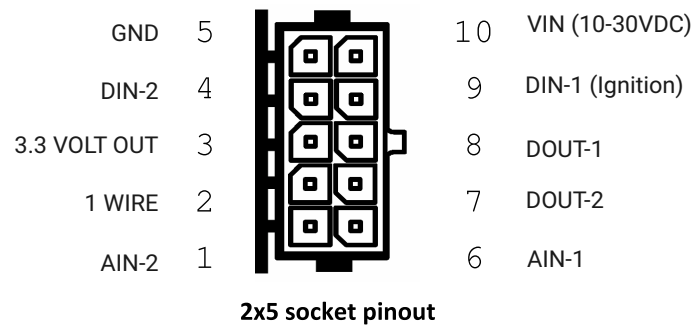
GE-AM ECO Tracking Device



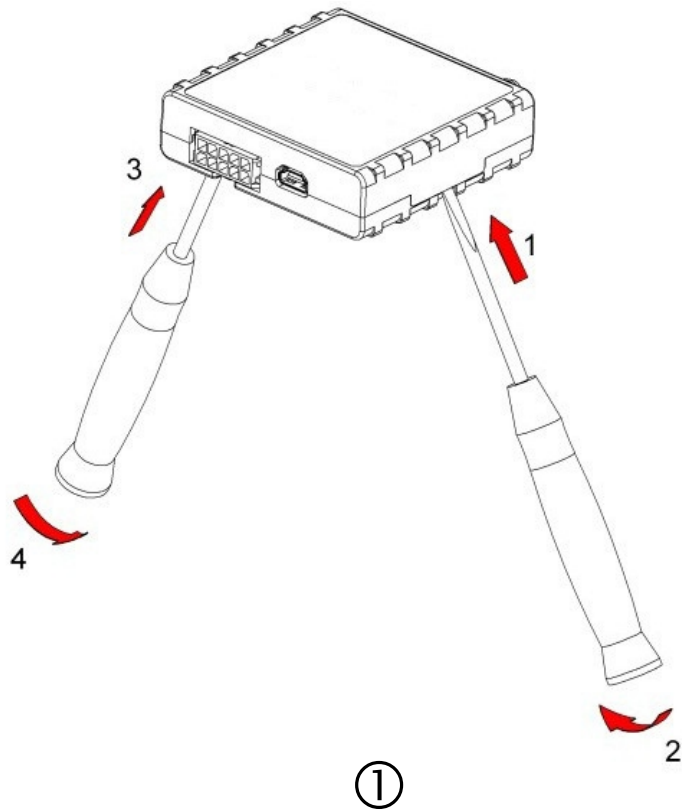
2x5 Socket

Pin Diagram

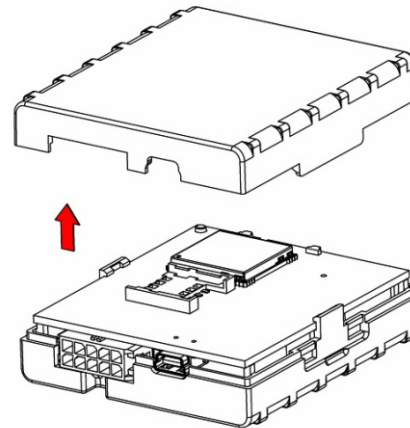
AIN-2	Light gray
1 WIRE	White
3.3V OUT	Red-yellow
IP-2	Brown
GND	Black
AIN-1	Blue
OP-2	Violet
OP-1	Yellow
IP-1	Green
VIN (10-30VDC)	Red



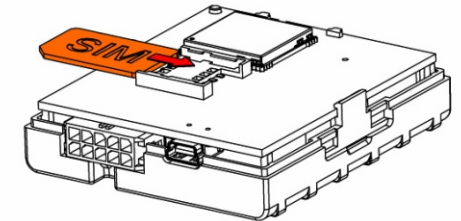
Insert SIM



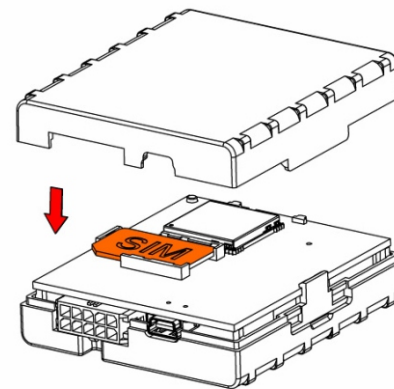
① Gently open GE-AM ECO case using screwdrivers



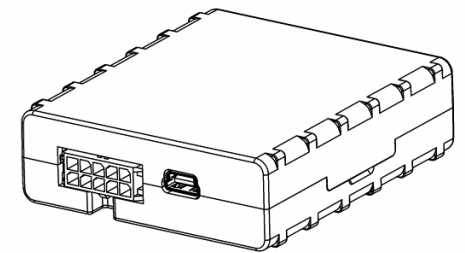
② Remove GE-AM ECO case



③ Insert SIM card as shown



⑥ Attach top housing cover



⑦ Device is ready

Technical Specification

SALIENT FEATURES

- ⊙ Superior cellular performance with external antenna
- ⊙ Over-The-Air Firmware and Configuration Update (OTA/FOTA)
- ⊙ Inbuilt RTC and auto Sync with Time Server based on the Country Specific
- ⊙ Multi Thread Application Frame Work
- ⊙ Auto APN and Domain to IP Mapping

PHYSICAL

- ⊙ Dimensions - 107mm x 94mm x 27mm

INTERFACES

- ⊙ 1 Wire Interface (Temperature Sensor, RFID)

COMPREHENSIVE I/O's

- ⊙ 2 - Digital O/P
- ⊙ 2 - Digital I/P
- ⊙ 2 - Analog Input

ELECTRICAL

- ⊙ 12/24 DC Operating voltage of 9-32VDC with Protection Power Efficient Switcher
- ⊙ Short Circuit Protection
- ⊙ Reverse Polarity Protection
- ⊙ Internal Battery 800mAh

ENVIRONMENTAL

- ⊙ Operating: -10C to +55C
- ⊙ Storage: -40C to +85C

GSM & GNSS

- ⊙ LTE-FDD: B1/ B3/ B5/ B7/ B8/B20/B28
- ⊙ LTE-TDD: B38/ B40/ B41
- ⊙ GSM: B2/ B3/ B5/ B8
- ⊙ Multi navigation constellation: GPS/BeiDou/Galileo/GLONASS
- ⊙ Worldwide LTE, UMTS/HSPA(+) and GSM/GPRS/EDGE coverage
- ⊙ LTE Cat 4 module optimized for M2M and IoT applications
- ⊙ Multi-constellation GNSS receiver available for applications requiring fast and accurate fixes in any environment
- ⊙ Multi internet protocols:
TCP/UDP/PPP/FTP/FTPS/HTTP/HTTPS/NTP/PING/QMI/
NITZ/MMS/SMTP/SSL/MQTT/FILE/CMUX*/SMTPS*

Warranty

GE-AM ECO guarantees its products to be free of any manufacturing defects for a period of **2 Years**. With additional agreement we can agree on a different warranty period, for more detailed information please contact our sales manager.

Contact us www.thegoldenelement.com

All batteries carry a 6 months warranty.

If a product should fail within this specific warranty time, the product can be:

- Repaired
- Replaced with a new product
- Replaced with an equivalent repaired product fulfilling the same functionality
- GE-AM ECO can also repair products that are out of warranty at an agreed cost.

Warranty Disclaimer

GE-AM ECO Products Are Intended To Be Used By Persons With Training And Experience. Any Other Use Renders The Limited Warranties Expressed Herein And All Implied Warranties Null And Void And Same Are Hereby Excluded. Also Excluded From This Limited Warranty Are Any And All Incidental Or Consequential Damages Including But Not Limited To, Loss Of Use Or Revenue, Loss Of Time, Inconvenience Or Any Other Economic Loss Of Time, Inconvenience Or Any Other Economic Loss.

More information can be found at www.thegoldenelement.com





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