



An affordable all-in-one tracking device with multiple communication options. The SATMATE i30 has an exceptionally rugged and compact design, suitable for the harshest environments. With primary communications utilising the Iridium SBD network, the SATMATE i30 is positioned for operation across the globe.

The purpose and goal of AST Australia is to provide a professional service in the field of mobile satellite communications. From deciding upon the most appropriate system at commencement, to airtime, value-added services and technical support. We consider key aspects such as overall lifetime cost and ease of use when satisfying our clients. We are an independent provider that can tailor a package to meet your requirements.

The SATMATE i30 is a next generation advanced tracking product, offering a completely integrated solution. With everything you need inside the box, just power it up and you are away!

With in-built intelligence and multiple communication options (Iridium SBD, GPRS, Wi-Fi), this product can seamlessly adapt to any application you put in front of it.

With both land and marine versions of the product, the SATMATE i30 can cover a vast number of installation scenarios, including:

- Light vehicles and trucks
- Heavy industrial vehicles
- Fishing and leisure vessels
- Large cargo vessels

But the installation capability of this product is just the start of the story...

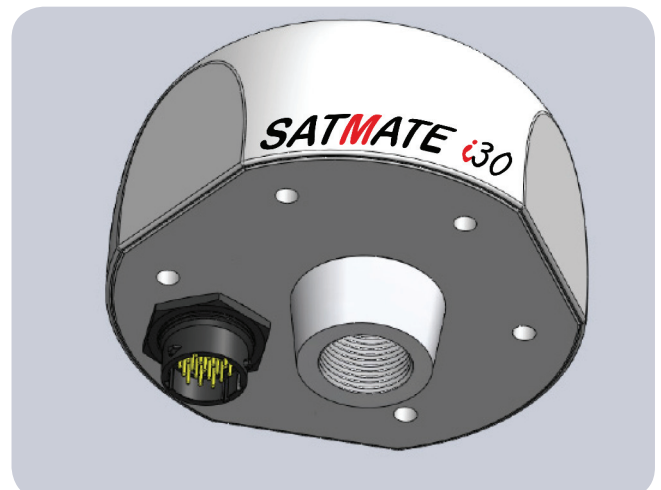
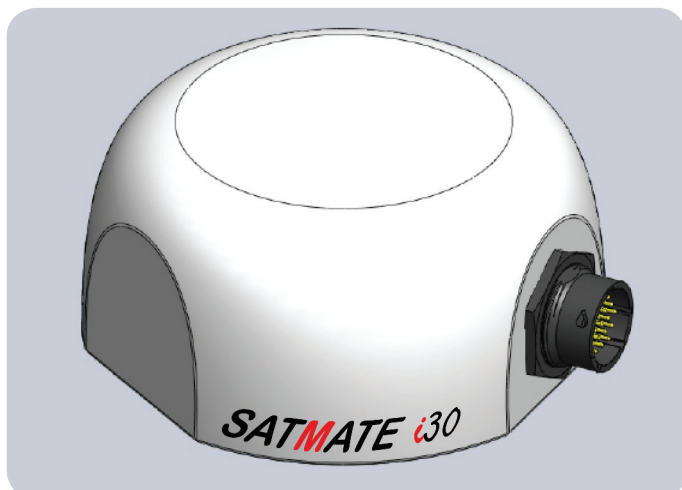
The SATMATE i30 is more than just a standard tracking device; it has the intelligence to dynamically expand its functionality by utilising various technologies. Examples of value-added capabilities include:

- Garmin Nuvi Navigators
- Personal pager units
- Engine monitoring systems
- On-board third party systems

With full integration into the mature SATMATE iTrack software suite, this product is positioned to offer you unparalleled capabilities.

This unique mix of usability, capability and expandability ensures SATMATE i30 is the product of choice in the tracking market.

Ask us to show you how this revolutionary product can match your requirements today!



SATMATE i30

Specifications

Size

120mm diameter x 70mm height (base unit)

Supply Voltage

7 - 30VDC continuous operation

Current Draw (12VDC input)

Normal Operation: 100mA (Sleep Mode: 5mA)

Iridium: Add 34mA (180mA during TX)

GPRS: Add 25mA (220mA during TX)

Wi-Fi: Add 130mA

Temperature Range

Operational: -20°C to 50°C

Storage: -30°C to 60°C

Storage (W/O Battery): -40°C to 85°C

GPS

50 channel receiver

Tracks signals down to -160dBm

Active antenna connector (3.3V)

Accelerometer

+/- 2g in X, Y and Z directions

Internal Clock

Built-in real time clock with battery backup

Internal Battery

Three-year shelf life

Does not discharge when external power is present

Mounting Configuration

Magnetic mount, side entry cable (land version)

Pole mount, bottom entry cable (marine version)

External Interface

19-pin connector with the following interfaces:

- 1 x full handshaking serial port
- 1 x three-wire serial port
- IGN input
- 2 x digital inputs (OPTION: 1 x digital, 1 x analog)
- 3 x digital outputs (includes 2 x status LED outputs)

Communication Networks

Iridium SBD

GPRS (Optional)

Wi-Fi (Optional)

About AST Australia

AST is a specialist and flexible provider of satellite hardware, airtime, service and support. We are able to provide satellite hardware, which 'works' on any of the satellite airtime services available in the world. We contract directly with each satellite system operator to provide airtime to end-users directly, indirectly, through distributors and via special project based contracts.

Applied Satellite Technology (AST) Australia's approach is to provide a complete satellite communications package that is suited to individual client needs based on a diversified range of products.

We offer reliability and support with our next day, right first time, service. We understand the importance of preparation, checking and technical support thereafter, when operating in remote locations, which by definition, is where the majority of our equipment is used.

AST Australia's client base is extensive and includes government, oil and gas companies, shipping companies, offshore contractors, international organisations, private individuals, mining companies, farmers, military and indeed, all manner of users that need communications outside of conventional terrestrial or cellular coverage.

To find out more information regarding AST Australia or the products and services we offer contact the sales department on 1300 660 084 or visit our website, www.asta.net.au

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