

Guppy Bluetooth

Compact IP67 battery-powered Bluetooth tag



The Guppy is a compact, rugged Bluetooth tag perfect for low-cost monitoring of assets. The Guppy Bluetooth integrates with other Digital Matter devices that support Bluetooth, or they can be used with your own Bluetooth mobile applications.

FEATURES

- IP67 Rated
- Up to 5 years battery life using 2 x AAA off-the-shelf batteries, replaceable
- Easy to install and conceal
- **Optional** +19dBm high-power Bluetooth 5 for range up to 500m (non standard)
- Optional 3D Accelerometer
- Great for tracking pallets, tools, and other items that don't need a 'full' GPS tracker

APPLICATIONS



Asset Location



Non-powered assets



Security of Assets



Low-value Asset Tracking

MECHANICAL SPECIFICATIONS

Low-profile IP67 rugged housing The Guppy comes in a compact IP67 rated housing (waterproof) that is UV stable and rugged

Dimensions L 80 x W 40 x H 18 mm

Operating Temperature -20°C to +60°C
For operation in extreme temperatures the device must be fitted with 1.5V Lithium batteries

POWER

2 x AAA Batteries 2 x AAA 1.5V Batteries
Alkaline or Lithium

CONNECTIVITY

Network Bluetooth 4.2 as standard
Bluetooth 5 optional

Range Bluetooth 4.2 – up to 100m as standard

Optionally, the device can be fitted with a BLE 5 module upon request (subject to MOQ) for up to 500m range (+19dBm option). This option will have a lower expected battery life.

OTHER

3D Accelerometer Optional 3D accelerometer for movement detection and alerting (special factory run)

Data

Beacon signal transmits

- Device serial number
- Digital Matter manufacturer code
- Battery voltage
- Transmit power (used with RSSI for range estimates)
- Temperature
- Other formats can be accommodated