



S1

Satellite tracker

General information

S1 is our newest tracking device and it supports *true global coverage*! S1 uses Iridium satellite communication that covers the earth from pole to pole.

S1 is built on the same principles as our T-series tracking devices that offer both very long battery life and are designed for use in harsh environments.

S1 sends GPS reports every 1-24 hours and the battery will last for +5,000 and +10,000 for S1+ reports. With 2 reports a day for example, this equals a battery life of 5 years or more!

S1 is IP69k-rated moulded construction and can be used in all weather conditions in temperatures ranging from -30°C to +85°C. It is fastened to the asset with the 3M adhesive foam tape, with two 4 mm cylinder head screws and bushings or with magnets.

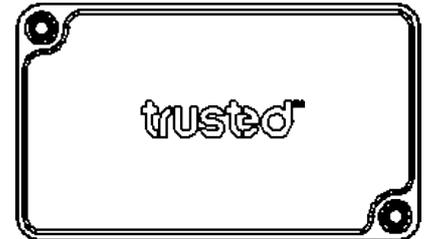
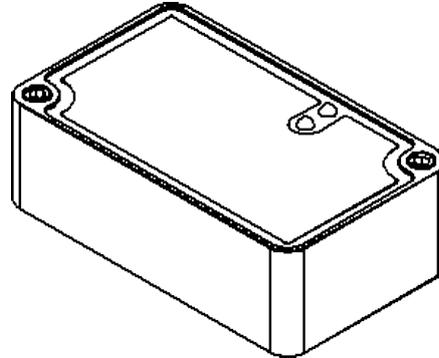
For close range location the built-in UHF radio beacon can be activated. Using a suitable radio receiver and antenna, it is possible to track down the S1 from a distance of up to 1-2 km depending on geography.

Data from the tracker can be accessed on our Trusted Visibility Suite. Third party application can be implemented via our API.



S1/S1+

Specifications



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Dimensions:	115 x 68 x 38 mm
Weight:	420 g
IP rating:	IP69k
Enclosure:	PA6 w. glass + epoxy
Battery life time, @ 2pos/day:	Typical 5 years for S1 and 10 years for S1+
Battery type:	Primary lithium, S1: 12 Ah, S1+: 24 Ah
Operating Temperature range:	-30°C to +85°C
Storage Temperature range:	-40°C to +85°C
Positions technology:	GPS/GLONASS and Iridium cell
Radio beacon:	434 MHz, up to 100 mW
GPS antenna:	Built-in
Iridium antenna:	Built-in
Radio antenna:	Built-in
Positions/report:	1 to 24/day
SBD data:	Subscription required

Certification



FCC: Contains Q639603
IC: Contains 4629A-9603

Related products

T7: GSM/GPS tracker
T9: Similar to T7 but with higher battery capacity

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