

TRACK ICE^{NB}

Solar module + Particle Measurement

- Narrowband IoT
- 100% solar powered
- Small and cost-effective

100% wireless and solar powered Particle Measurement

The particle meter is integrated in Track Ice NB Solar Module and is 100% powered by solar energy. The module communicates with Narrowband IoT. Therefore is the module not dependent of any type of fixed infrastructure.

Small and cost-effective

TrackIce NB Solar module is a small and very easy to install unit that enables particle measurement in places where you did not think it was possible.

Narrowband IoT

The IoT network is based on the 4G network, which means it has very good protection against interference from other technologies. The technology is future-proofed with a global standard.



Solar module + Particle meter



Range	-10°C to +70°C
Size	180 x 180 x 90 mm
Battery	3.7V, 5Ah. LiPo
Housing	IP65
Particle detection size range	PM 1.0, PM 2.5, PM 4, PM 10 in $\mu\text{g}/\text{m}^3$
Particle detection size range	PM 0.5, PM 1.0, PM 2.5, PM 4, PM 10 in pcs/ml
Mass concentration precision	+/- 10% @ 100 to 1000 $\mu\text{g}/\text{m}^3$
Range	Every 15 min

