

Beacon BT

Smart and ultra-compact Bluetooth module





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Smart and ultra-compact Bluetooth module with integrated battery supply and extended version with accelerometer

Key Features



Bluetooth 5.0 Low Energy



Optional accelerometer with ± 24 g



IP67 protection class



Casted electronics



Operating temperature -40°C to $+65^{\circ}\text{C}$



CE certified

Make your machines smart – with the extremely compact Bluetooth node from Sontheim. Thanks to a size smaller than a bank card, the module can be easily and specifically be attached to almost all machines. With an integrated memory of 2 MB, data of the connected machine can be stored (10-digit identification number, 4×128 byte data) and retrieved via Bluetooth. Thus, for example, the presence, operating hours or special operation modes can be transmitted and queried easily and efficiently. In addition, the module can be seamlessly integrated into the infrastructure of our COMhawk® xt telemetry series.

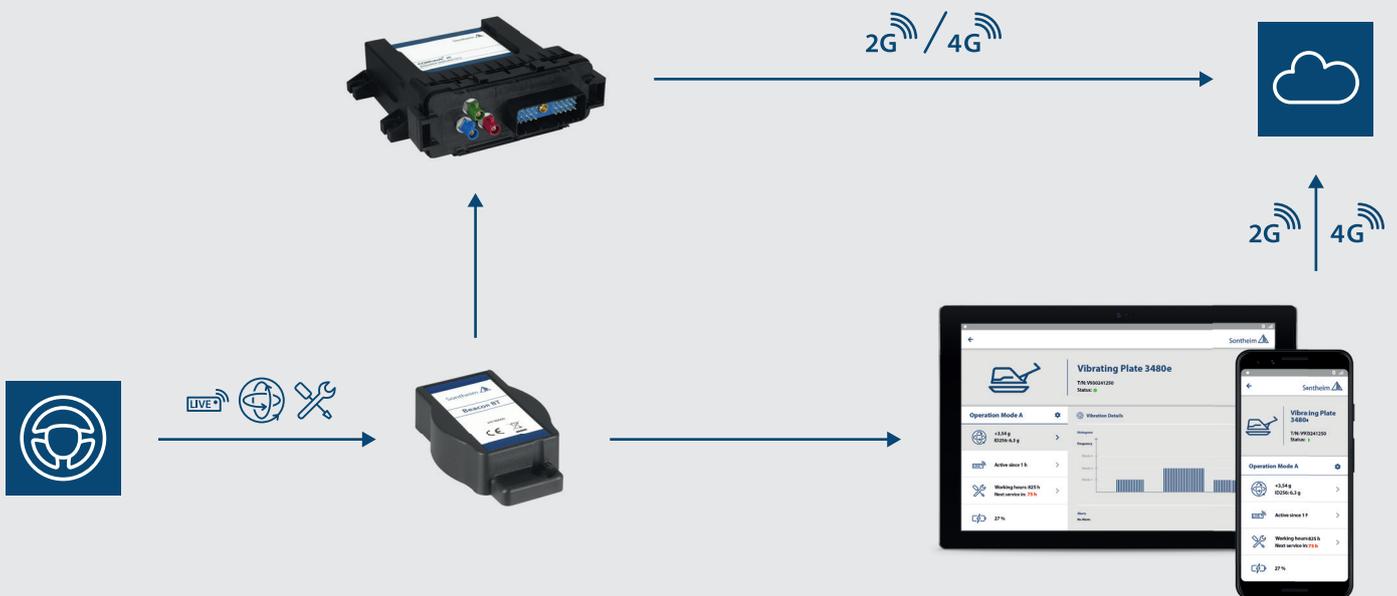
Information from the machine can thus be recorded via Bluetooth and transferred to a cloud for further analysis using the telemetry module. Various operating modes can be recorded, categorized and made available via an additionally integrated acceleration sensor (Beacon BTA variant). With its casted electronics and an IP67 protection class, the module offers the necessary protection for harsh environmental conditions and installation outside the cabin. An operating temperature of -40°C to $+65^{\circ}\text{C}$ and CE certification round off the overall package.

Technical Data

Bluetooth	5.0 Low Energy
Memory	2 MB
Accelerometer	±24 g (Beacon BTA variant)
Protection Class	IP67 (casted electronics)
Dimensions (l×w×h)	app. 75 mm × 43 mm × 17 mm
Weight	app. 53 g
Battery	Integrated, life expectancy 7–10 years
Operating temperature	−40 °C up to +65 °C
Storage temperature	−40 °C up to +85 °C



Possible Communication Beacon BT





Mobile Automation



Industrial Automation



Diagnostics



Connectivity

We are looking forward to your enquiry!

Sontheim Industrie Elektronik GmbH

Georg-Krug-Straße 2
D-87437 Kempten
Phone: +49 (0)831 575900-0
Fax: +49 (0)831 575900-72
Email: info@s-i-e.de

Sontheim Electronic Systems L.P.

201 West 2nd Street
Davenport, IA 52801, USA
Phone: +1 563 888 1471
Email: info@sontheim-esys.com

www.s-i-e.de