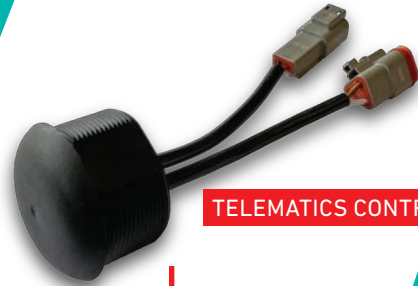
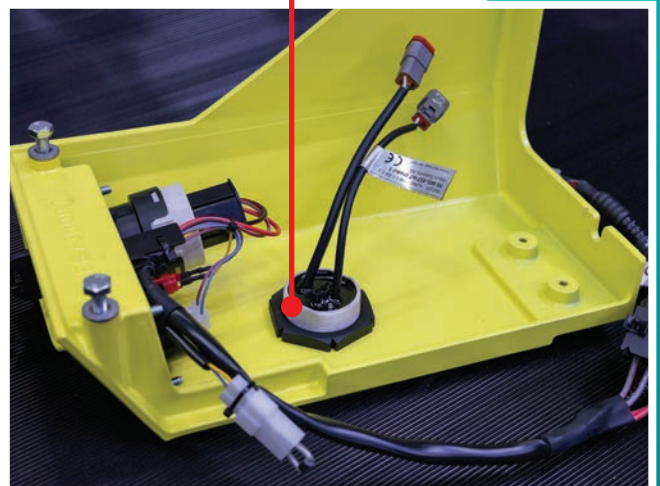
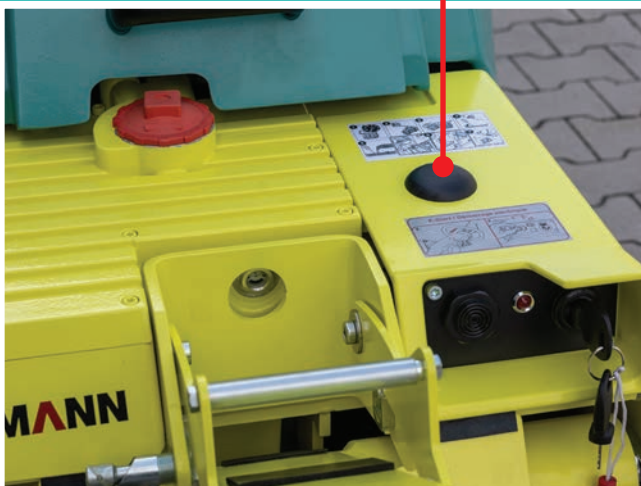


DELIVERING THE DATA THAT MATTERS

THE HARDWARE BEHIND
SERVICELINK FOR LIGHT EQUIPMENT



TELEMATICS CONTROL UNIT (TCU)



Ammann ServiceLink provides information about your equipment – conveniently, in the comfort of your office or on your phone. Use ServiceLink to quickly locate equipment, increase efficiency on jobsites and avoid downtime.

Key to the system is a new generation of hardware that ensures the most essential machine data is available to customers – in a reliable, affordable manner.

The Telematics Control Unit (TCU)

The TCU collects and transfers data, such as location and working hours, to the ServiceLink cloud. The TCU can be used on machines, transport containers, toolboxes and in other applications.

The unit's housing contains all the electronics: a microchip, GPS module, transmission module and sensors. These components provide the stable and secure connectivity that makes the fleet digital, enabling effortless communication and delivery of essential data.

The TCU is compact and fully enclosed to prevent penetration from dust and water – and rugged to withstand harsh jobsite environments. It is resistant to constant vibration, essential when working on compaction equipment.

Data Transfer

Data is automatically transferred, in defined intervals, to the ServiceLink cloud. Data transmission technology is NB-IoT, with LTE-M as a fallback option. This ensures low power consumption and also data reception in rural areas or in buildings.

Compatible With All Machines

The hardware that enables data transfer can be used on machines produced by Ammann or other manufacturers.

Installation

The hardware is easy to add as a retrofit. Simply attach the TCU and the battery to the machine. The TCU is activated when plugged into the battery. That's it!

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THE HARDWARE BEHIND SERVICELINK
FOR LIGHT EQUIPMENT



TELEMATICS CONTROL UNIT (TCU)

Robust design for extreme loads. Electronics fully encapsulated. Protection class IP67, temperature -20 to +70 degrees Celsius. Resistant to vibration.

Connections

- 3-pin DEUTSCH connector (DT04-3P) for machine starter battery and machine ignition signal (optional).
- 2-pin DEUTSCH connector for TCU battery module connection.

Functions

- Detection of device battery voltage, ignition signal, location and working hours.
- Integrated accelerometer.
- "Over the Air" firmware updates and parameter changes (OTA).

Mechanical data

- Weight ≈ 350 g
- Casing dimensions: Ø 42 × 35 mm
- Cable length: 180 mm
- Total length: 215 mm
- Colour: black
- Plastic locknut: M36



TCU BATTERY

Robust design for extreme loads. Battery module fully encapsulated. Protection class IP67, temperature -20 to +70 degrees Celsius. Resistant to vibration. Typical lifespan: 2 years (depending on environmental conditions and data transmission frequency); replaceable/available as a spare part.

Connections

- 2-pin DEUTSCH connector for connection to the IoT module.

Electrical data

- Type: Lithium battery
- Capacity: 3400 mAh
- Output voltage: 7.2 V
- Not rechargeable

Mechanical data

- Weight ≈ 300 g
- Casing dimensions: 89 × 48 mm
- Cable length: 150 mm
- Total length: 210 mm
- Colour: black



TURTLE TCU (GPS TRACKER UNIT WITH INTEGRATED BATTERY)

The Turtle TCU has the same electronics as the standard unit, but in a standalone casing. It is easily retrofitted – just glue or screw it to any flat surface on the machine or other asset. To activate, simply connect the integrated battery and start tracking.

The Turtle TCU has no cables, so it does not measure the starter battery voltage. It remains a perfect retrofit solution that monitors the location and working hours of your equipment!

