



PMU:C

Real-time monitoring of position, movement, comfort and track deviation – all in a single device.



Real-time positioning

Accurate, high-frequency GPS positioning with up to 0.5-metre accuracy, updated once per second.



Positioning in tunnels

Built-in inertial sensors make it possible to estimate position in tunnels and areas with poor GPS coverage.



Direct link to Transport Administrations and SOS Alarm

The vehicle's position is sent to Transport Administrations in real time. The information is then transmitted directly to SOS Alarm, enabling an immediate and efficient emergency response.



Comfort analysis

The device automatically calculates ride comfort values in accordance with the EN12299 standard.



Camera Connection

Option to connect a camera for continuous streaming.



Track quality

PMU:C continuously calculates and logs track deviations, building location-based trends over time. Significant deviations can be flagged immediately.



Built-in battery

When the train is not powered, the device sends one position update per hour to report the vehicle's location.



Easy installation

Installing the PMU:C does not require any modification to the vehicle. The unit can be mounted using magnets, double-sided tape, Velcro, or another preferred fastening method.



4G or WiFi

The device reports positions via the 4G network, with SIM card costs included. It can also connect to the vehicle's WiFi network where available.

