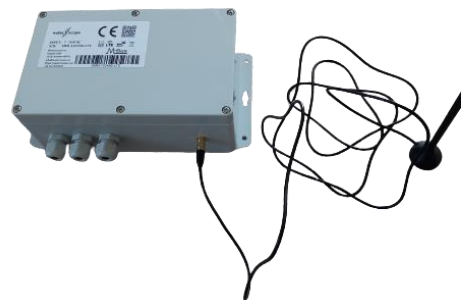


SBM – Smart Bus Master Monitoring device

The SBM is an acronym for Smart Bus Monitoring, an industrial IoT device that can be installed on industrial devices to monitor and write preprogrammed registers. The M-Bus ("Meter-Bus") is a new European standard for remote reading of heat meters and it is also usable for all other types of consumption meters as well as for various sensors and actuators. The device operates on LTE or NB-IoT radio communication. The device has its own antenna on the box, which can be extended with cable in tricky situations.

The IoT SBM can be used for

- Remote monitoring of industrial devices (solar farms, machines)
- Predictive maintenance of industrial machines
- SCADA integration



Communication	
Transmission options	Nb-IoT/LTE
Antenna	External
Transmission frequency	Down to 5 minutes (LTE)
SIM type (Nb-IoT)	eSIM/SIM card slot
Connection	
Connection type	Wired MBus (RS232)
Isolation	Galvanically isolated
Power	
Input voltage	7-36V
Current consumption	500mV max (without sensors)
Internal battery	none
Environmental	
Operating temperature	-20 - 85 °C
Ingress protection	IP67
DIN rail mountable	Yes (Optional)