

## Datenblatt QS-5000/8000 Basisgerät



<b>Microprocessor:</b>	32-Bit STM L4 microprocessor
<b>Memory:</b>	1024KB Flash, 320KB RAM, 1Mbit EEPROM
<b>Power consumption:</b>	15 uA in sleep mode, 10 mA operating (without peripherals running)
<b>Battery:</b>	3.6V, 19 Ah (optional rechargeable LiPo, external power supply 12V/24V/220V)
<b>Data transmission:</b>	5G (LTE-M, NB-IoT) with 2G fallback, Micro-SIM or eSIM
<b>GPS receiver:</b>	GPS, GLONASS, BeiDou, Galileo, 33 tracking channels, 99 acquisition channels, passive & active antenna support
<b>Antennas:</b>	Internal GSM & GPS antennas (optional external antennas)
<b>On-board sensors:</b>	Vibration, orientation, shock, temperature, humidity, pressure, location, battery voltage
<b>Sensor extensions:</b>	4 optional sensors via GPIO (e.g. infrared counter, magnetic switch), 10 optional sensors with expansion board (4-20mA, 0-10V, 0-2.5V, digital in, digital out)
<b>User interface:</b>	3 programmable LEDs, net light of telecom module, 6 pin DIP switch
<b>Connectors:</b>	Debugging & programming port
<b>Country of origin:</b>	Developed & produced in Germany by QUANTEC Engineering GmbH, CE compliant