

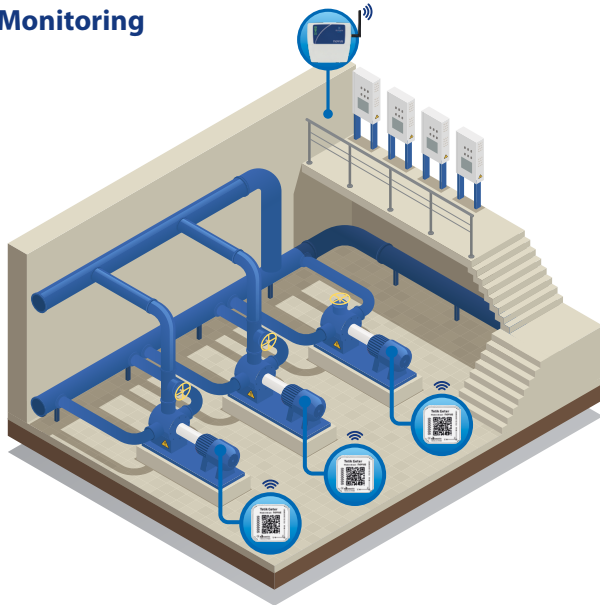


Condition Monitoring

Telik Geter



Asset Condition Monitoring



LONG BATTERY LIFE

Up to 10 years on battery



REMOTE MONITORING

No more manual inspection rounds



LONG-RANGE COMMUNICATION

Up to 50 m (line of sight, no obstacles)



COMPLETE VIBRATION ANALYSIS

RMS, VRMS, FFT, and raw signal for advanced diagnostics



HIGH SAMPLING RATE

Readings at intervals as fast as 1 second

- Detect anomalies early and reduce unplanned downtime with 24/7 asset condition monitoring and configurable alarms
- Complete vibration analysis: RMS, VRMS, FFT, and raw signal for advanced diagnostics
- Turn sensor signals into actionable insights with dashboards, trends, alarms and reports in the Novus Geter platform
- Built for industrial operations: scalable from a few critical machines to an entire plant, with structured asset organization and user management

Technical Specifications

Telik Geter Sensor		
OPERATION AND STORAGE CONDITIONS	Operating temperature	-20 °C ... 70 °C
	Storage temperature	-5 °C ... 25 °C

HARDWARE	External dimensions	25 mm x 40 mm x 40 mm
	Microcontroller	32-Bit microcontroller, 16 MHz (ARM® Cortex™-M0)
	Memory	Flash memory: 256 kB RAM memory: 32 kB
	Communication	Bluetooth Low Energy 4.2 (2.4 GHz)
	Signal range	From 50 to 70 meters without obstacles
	Transmission power	+4 dBm
	Reception sensitivity	-93 dBm
	Battery	2 x ER14250 (duration 9 to 60 months, according to the application)
	Fixing	4 neodymium magnets 10 mm x 6 mm
	Encapsulation	Polycarbonate
	Embedded temperature sensor operation	-20 °C ... 85 °C
	Resolution of the embedded temperature sensor	0.25 °C
	Temperature accuracy	±4 °C without calibration
	Protection index	IP69K
Certifications	ANATEL: 13848-23-07089 FCC: FCC ID: 2AXVWN01 CE	

Airgate Geter Gateway		
OPERATION AND STORAGE CONDITIONS	Operating temperature	-20 °C ... 60 °C
	Storage temperature	-5 °C ... 25 °C

COMMUNICATION INTERFACE	SouthBound	Bluetooth Low Energy 5.0
	NorthBound	Ethernet 10/100 Mb/s, IEEE standard 802.3, and Wi-Fi 802.11 b/g/n 2.4 GHz
	Cloud communication protocol	MQTT and REST
	RS485	For configuration purposes only

HARDWARE	External dimensions	142 mm x 129 mm x 38 mm
	Power supply	5 Vdc or 12 ~ 24 Vdc
	Power supply input	Detachable terminal blocks
	Power output	5 Vdc auxiliary output
	Communication	Bluetooth Low Energy 4.2 (2.4 GHz – External antenna)
	Bluetooth signal range	From 50 to 70 meters without obstacles
	Transmission power	+8 dBm
	Reception sensitivity	-103 dBm
	Assembly	DIN rail or screw
	Housing	ABS + PC
	External antenna for BLE	SMA connector (2.4 GHz)
	Certifications	ANATEL: 13878-23-07089 FCC: Contains Wi-Fi module, FCC ID: 2AC7Z-ESPWROOM32D Contains BLE module, FCC ID: 2ABU6-MS88SF2 ISED: Contains Wi-Fi module, IC: 21098-ESPWROOM32D CE