



IntelliLog g-Setu

The Intelligent Data Logger

The “IntelliLog (g-Setu)” is a unique smart device that enables utilities to digitize their mechanical water meters. It converts volumetric consumption for water meters into communication data points. With several water meters industry standard interfaces, this device can sense and record data points generated by reed switches, inductive sensors.

Features :

- IECEX, and RCM* Certification
- Use of RCM compliant cellular module.
- Reduced operational cost – no need to generate and distribute bills.
- Accurate and synchronized operation of the device.
- Low battery warning
- Data storage option available for storing daily logged events.
- Digital LCD with function-specific symbols. Alarms and tamper detection.
- Support for LWM2M
- Provision of External antenna
- Fast pulse capturing capabilities up to 125 msec.
- Compatible with other Industry – grade volumetric sensors.
- Configurable for measuring high flow rates.



Smart functionalities:

- Low power due to energy-conserving operations
- Alarm for Wire cut / Device Removal, low battery
- HES with yearly, Half-yearly, Quarterly, Monthly data analytics with variance analysis, exception reports
- Data is provided in Common Data Format (CDF) with integration to General Service Platforms (GSP).

Technical Specifications:

Battery	3.6 V
Battery Life	10 years*
Communication	LoRaWAN NBloT Band (3,8,28 For ANZ) Optical communication for configuration and debugging.
Security	AES 128b
Area Classification	Zone 2, IIB
Tamper and Alarms	Wire cut / Device removal tamper, Low battery alarm, No communication alarm (HES Dependant)
Temperature	-20°C to +60°C
Humidity	90%.
Ingress Protection	IP68

*Depends on Application & Type of Communication

Application:

1. C&I Water Meter
2. Sutable with Mechanical hot Water Meter
3. Compatible with PR6/PR7 device ,HRI Sensor, Cyble Sensor for Water Meters.

*Due to continuous technology upgradation, specifications are subject to change without prior notice.

Version 2 Jan, 2024



Genus Power Infrastructures Ltd.
(A Kailash Group Company)

SPL-3, RIICO Industrial Area, Sitapura,
Tonk Road, Jaipur-302022, (Raj.), INDIA
T. +91-141-7102400/500 | F. +91-141-2770319, 7102503
Email: info@genus.in | W. www.genus.in