





LNR06V4-LE-82-LTE – Battery powered logger with integrated radar level sensor

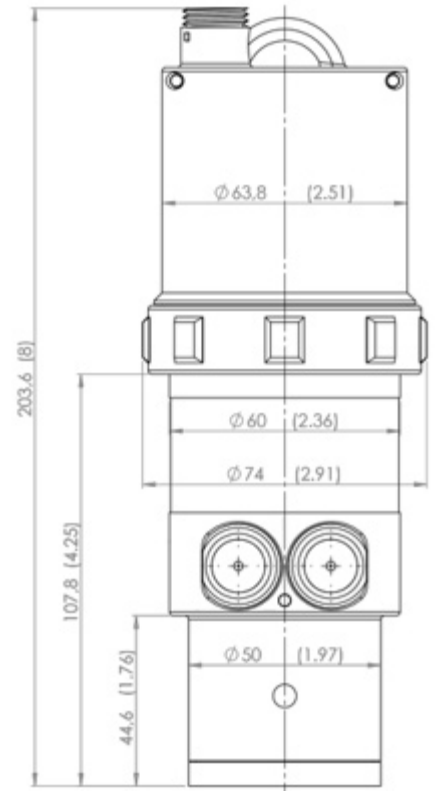


- Wireless setting and data download by radio (Wiji protocol) on-site
- Lithium battery powered, ultra low-power consumption
- Memory : 500 000 data
- Communication : locally by radio + 2G / 4G (LTE-M / NB-IoT)
- Rugged housing with IP68 rating (1 bar / 30 days)
- Integrated conversion tables and formulas (water height, Flow, volume)

The LNR06V4-LE-82-LTE is a logger with an integrated radar level sensor and several communication options. Particularly adapted for outdoor measurements (river, storm storage...).

He doesn't have connector so no input/output functionality (alternative LNR06V4) Fully autonomous with its long-life battery, its logger and its integrated modem. Easy to install and to use, configuration is done safely by direct radio connection.

Features	LNR06V4-LE-82-LTE (868 MHz)
Measuring distance	0,15 ... 6m
Resolution	2 000 samples available for the measured distance, 1mm minimum (Example : ± 4 mm for a distance of 6m)
Accuracy	± 0,2% of measured distance with a minimum of ± 2mm*
Communication	Radio HF (868 MHz) Communication card : 2G / 4G (LTE-M / NB-IoT)
Radio range	100m in open field (Wiji protocol)
Datalogger	500 000 Measures
Radio access point	Yes
Radio / cellular antenna	Internal radio antenna, external cellular antenna
Operating temperature	-20 ... 70°C
Logger Housing / Weight	PA12 / 520g
Enclosure rating	IP68 : 1 month under 1 bar (only when an Ijinus mounting kit is used PN : H0T00053 or H0T00060)
Energy	Lithium Battery : 3,6V 34Ah
Configuration	AVELOUR software part of the configuration kit: Wijikey or MOC
Technology	Radar imaging / eKo® algorithm / LAMY® filtration
Certifications Atex zone 2	 II 3G Ex ic ec IIB T4 Gc Tamb : -20°C...60°C
Certification	




* Laboratory tested



Technical specifications :

Configuration of options

Code	
LNR	Level logger by radar technology
06V4-LE	Measuring distance 0.15 ... 6m
Code	Frequencies
8	868Mhz Europe - China
9	915MHz USA - Canada - Australia
Code	Antenna
0	Internal radio
1	External radio
2	Internal radio / external cellular
3	External radio / external cellular
	
Code	Communication options
Empty	Radio communication on-site
LTE	Radio communication + 2G / LTE-M / NB-IOT

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Applications :

- Tidal monitoring & early flood warning
- Tank level monitoring
- Permanent diagnosis of wastewater network

- CSO / SSO monitoring
- Flow paced water sampling
- Water metering