

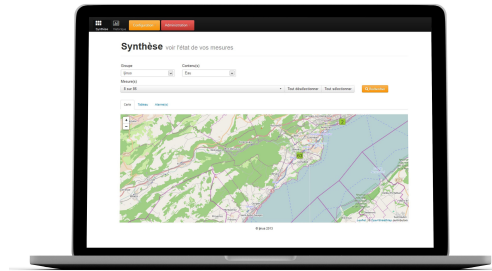
EASY INSTALLATION AND SET UP



Gains on time :

- Easy control, no unnecessary travels
- **Stock inventory in real time**, information are available online, accessible from anywhere, several times / day on **ljitrack.com**
- No need to empty the silos during installation
- A system without particular maintenance.
- **Auto diagnosis** of digital measurement.

DATA HOSTING & MONITORING SOFTWARE (PC, laptop, smart phone)



Financial Gains :

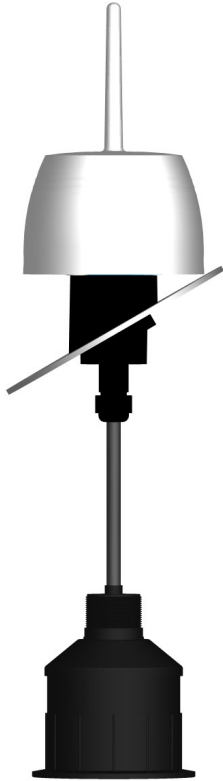
- Saves time to find out the real-time inventory (2 to 4 silos) 30 min / week
- **Optimizes control and storage time**, avoid overstocking of certain foods used for a short time
- **No more surprise when loading**, prevents silos overload and returns
- **No more out of stock**, which necessarily entails a costly troubleshooting
- **Enjoy** the maximum truckload discount

SETTING, REMOTE MONITORING AND MAINTENANCE



Benefits :

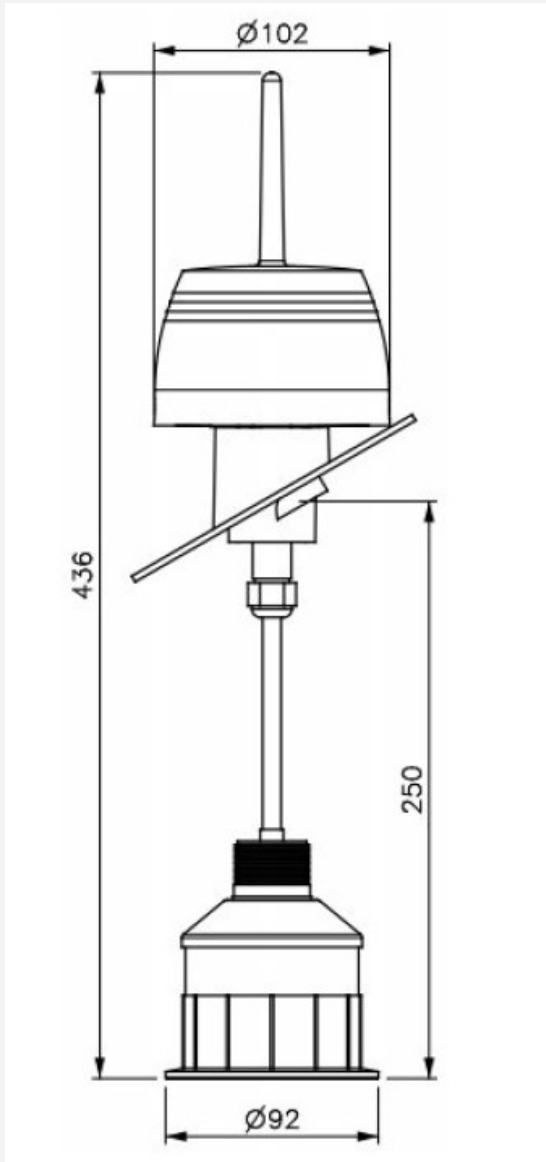
- Eliminates the risk of falls (no need to get on the silos to evaluate stocks)
- **Detect abnormal loading** (silo error)
- Indicates the temperature inside the silo (temperature of the internal air)
- **Proof of delivery**
- Anticipate the **empty silos** to ensure their cleanliness and avoids sources of mold growth
- No mixing when using a supplemented food
- Knowledge of the actual available capacity **avoids the overhead silo**



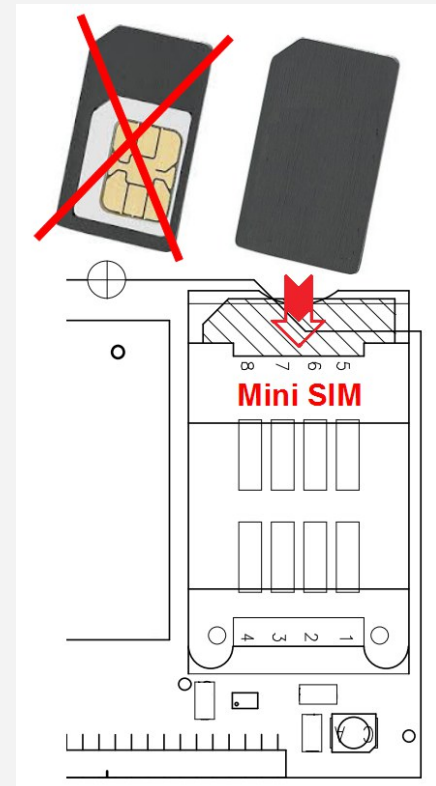
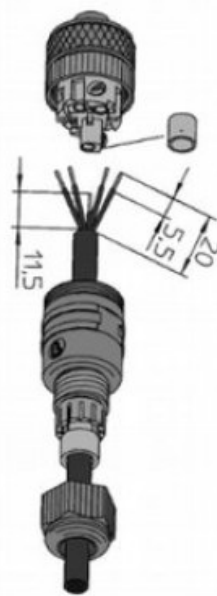
- Smart and communicating solutions for silos
- Quick and easy installation
- Wireless (Rfid or GPRS) configuration
- Life proof (water and bad weather): IP65 sealing
- Long-life battery
- One master device for 7 slaves
(beyond, one concentrator supplied in energy is required)
- 0,4 to 10 m measurement for silos

Features	Master level sensors LNU1000-0-80X-C0-GSM (868 MHz) LNU1000-0-90X-C0-GSM (915 MHz)	Slave level sensors LNU1000-0-80X-C0 (868 MHz) LNU1000-0-90X-C0 (915 MHz)
Measuring range	0,4 ... 10 m	0,4 ... 10 m
Resolution	1 cm	1 cm
Accuracy	± 5% on solid / ± 1% on liquid material	± 5% on solid / ± 1% on liquid material
Communication	Radio HF – <u>Wiji</u> Protocol GSM / GPRS	Radio HF – <u>Wiji</u> Protocol
Radio range	500m	500m
Temperature compensation	Yes: Internal T°C probe	Yes: Internal T°C probe
Data logger	1.000 Measurements	1.000 Measurements
Data concentrator	Yes until 7 slaves sensors (for autonomous solution)	No
HF / GSM antenna	¼ Wave Length / Quad band Patch	¼ Wave Length / Quad band Patch
Operating temperature	-40...85°C	-40...85°C
Housing	ABS 20% Glass Fiber	ABS 20% Glass Fiber
Sealing	IP65 with an aerator	IP65 with an aerator
Power Supply	Bat: 3,6V 34Ah	Bat: 3,6V 17Ah or 34Ah
Autonomy	Up to 3 years	Up to 5 years
Configuration	AVELOUR software or remotely using GPRS	AVELOUR software
Technology	Acoustic imaging <u>eKo</u> ® algorithm LAMY® filtration	Acoustic imaging <u>eKo</u> ® algorithm LAMY® filtration
Security	Antistatic kit for metal silo	Antistatic kit for metal silo
Certification	CE	CE

DIMENSIONS AND WIRING



- 1 : US+ / Red
- 2 : GND / Black
- 3 : Shield
- 4 : T°C / White
- 5 : NC (can be removed)



DRILL INTO THE SIDE OF THE SILOS AND PLACE THE ADAPTATOR

Adaptator : F0A00016
Hole saw diameter of 43mm



PLUG IN THE SENSOR :

Place the probe by the access hole and bring out the adapter (F0A00016). Then connect the probe. A small screwdriver set through the probe via the attachment clip can be used to secure the probe when connecting.



SECURE THE PROBE MOUNTING AND FINALISE THE INSTALLATION



INFORMATION SHEET

User information

Company: _____

Contact: _____

Ph.: _____

Fax: _____

Mobile: _____

Email: _____

Installation site:

Name of the site: _____

Address: _____

Contact information on site: _____

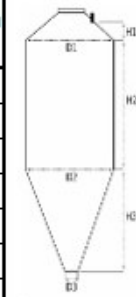
Fitter _____

Company: _____

Contact _____

Date _____

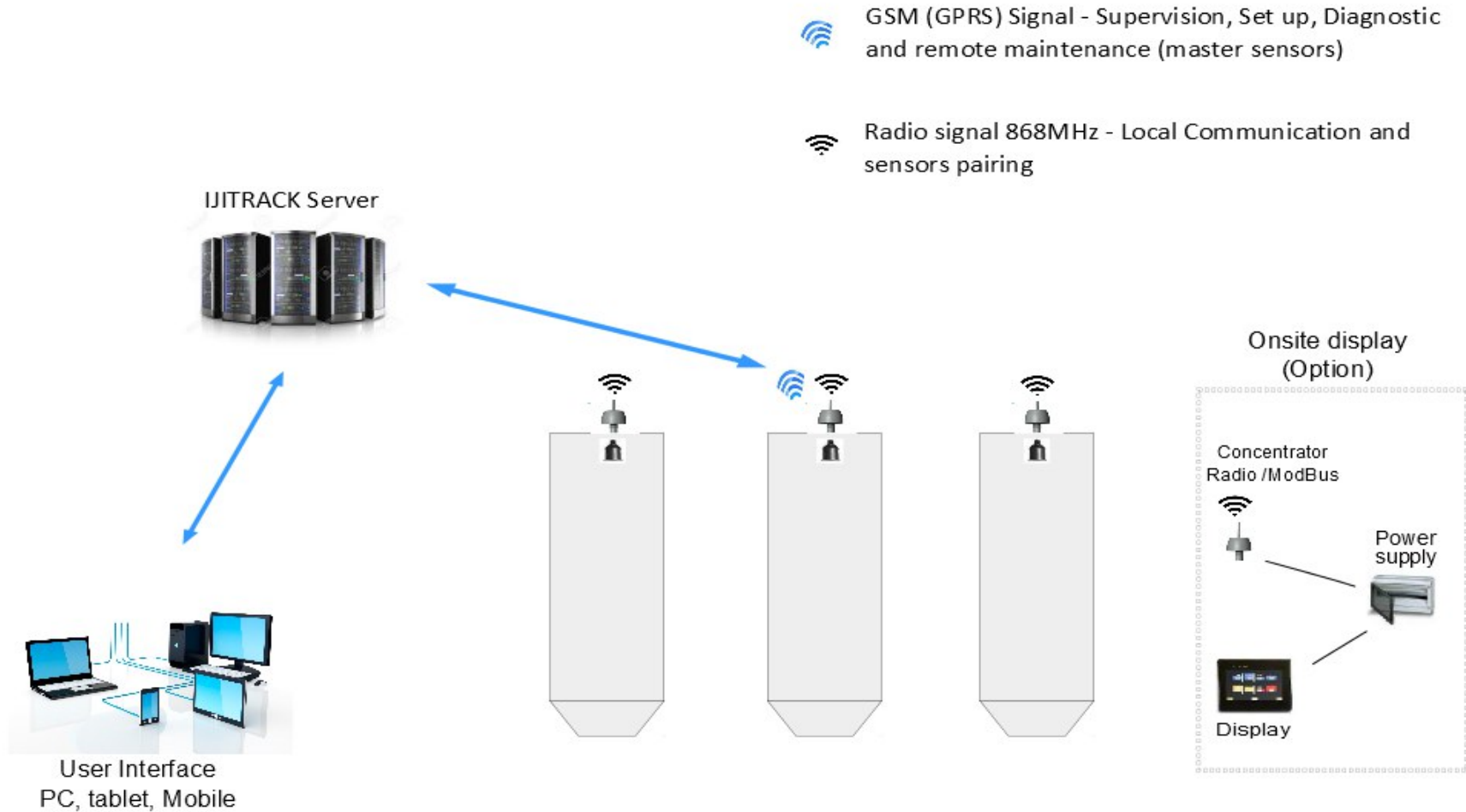
SILO ID	H1	H2	H3	D1	D2	D3	HTotal	Corrugated sides
	cm							
A								<input type="checkbox"/>
B								<input type="checkbox"/>
C								<input type="checkbox"/>
D								<input type="checkbox"/>
E								<input type="checkbox"/>
F								<input type="checkbox"/>
G								<input type="checkbox"/>



SILO NAME	Model Silo	Sensor serial number

SILO NAME	Model Silo	Sensor serial number

Comments



Above 8 Silos: a DC powered radio concentrator is compulsory



Solutions for silo management

Sensor - Data Logger - Web Services

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