

Bin Auditor Radar – Inventory Management

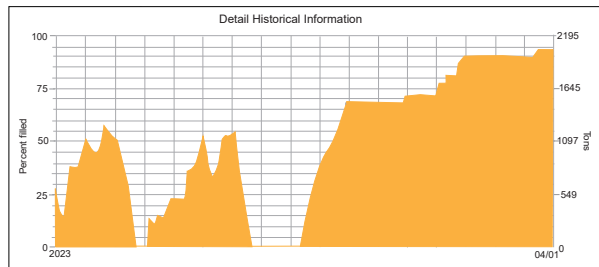
The iGRAIN Bin Auditor Radar is a precise radar level sensor that measures the grain level with high accuracy

The iGRAIN Bin Auditor Radar is ideal for real time tracking of grain inventory status. It interfaces with the iGRAIN Dashboard Manager for intelligent inventory management functions, the iGRAIN Smart App or other devices like PLC/SCADA systems.

Advantages

- Advanced radar technology at 120 GHz
- Tracking: Level, volume and weight
- Records all movement in and out in real time
- Immune to dust build up – maintenance free
- Suitable for all commodities

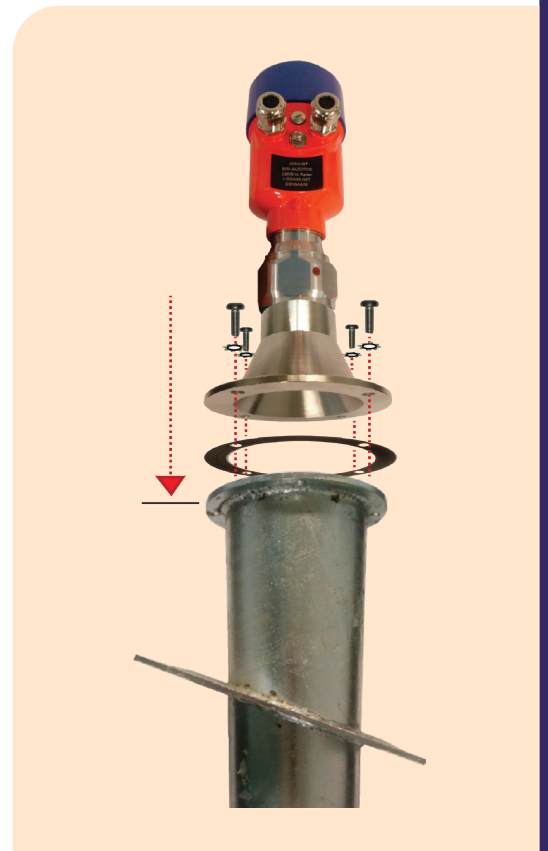
The system is designed especially for grain, flour or feed silos. It provides an unsurpassed accuracy even in very dusty atmospheres with a maximum measuring distance up to 50 metres. The advanced microprocessor technology can update level data every minute if needed.



Detailed reporting in real time

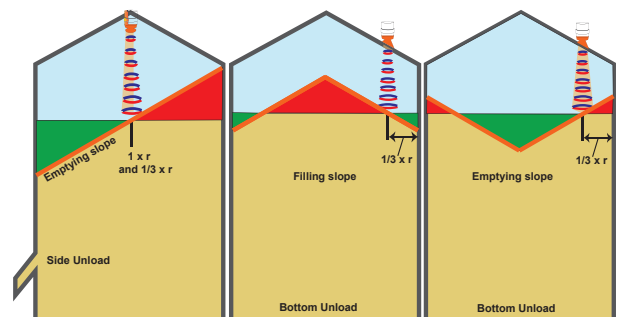


Connects with the iGRAIN Smart App



Technical specifications

Measure range	0–50m
Level accuracy	+/- 10 mm
Power supply	24 VDC, 200 mA
Data output	MODBUS RS485
Level update	1–60 min (programmable)
Sensor head	Cast Aluminium, IP 67 and S.S.
Analog output	4–20 mA (Option)
Total accuracy	Estimated +/- 1%



The smart design and intelligent algorithms make the system independent of filling or emptying grain surface slope. Usable for both bottom and side unload.

