

Flexibility and innovation in picking process

The eKanban sensor has been designed to improve the management of the supply of materials to the production lines, in particular in the automotive and manufacturing sectors, and to help companies to make their supply chain more efficient; the eKanban system reduces errors and delays in picking operations for the creation of assembly kits.



The e-Kanban sensor is easy to install and don't need wiring operations. It is usually mounted on the roller conveyors where the containers destined to take stock of material are placed. When an empty container is removed from the roller conveyor, the sensor detects the status and in real time communicates to the IT system the request for procurement of the missing material.

Main features

- LoRaWAN standard protocol communication
- Long battery life up to 8 years
- Battery level monitoring
- Industrial housing
- Easy configuration and installation
- Coverage area up to 100mt

Benefits

- Cut off of the cabling cost
- Hands free operations
- Easy configuration and integration
- Mistakes reduction in the material refilling process
- Integration with MRP, ERP, MES, WMS systems

Applications

- Lean manufacturing
- Logistic supermarket
- Logistic picking material
- Material call
- Operator call

MASTER features

Power supply	10 - 27 Vdc
Frequency	UHF 868 MHz
Communication protocol	LoRaWAN
Communication interface	Ethernet
Coverage area	Up to 100 mt
Dimension	200 x 110 x 43 mm
Protection class	IP55
Operating temperature range	-0 °C +50 °C



Master Kit EK-0120
Including power supply

eKANBAN SENSOR features

Power supply	3,6 V Lithium battery ER14250 not replaceable
Frequency	UHF 868 MHz
Communication protocol	LoRaWAN
Dimension	136 x 48 x 30 mm
Protection class	IP55
Operating temperature range	0 °C +55 °C
Battery life	up to 8 years 10 material call / day



eKanban sensor EK-100

