

Smart Sense

POE GATEWAY G404-POE1



The G404 is the Kairo's standard gateway that **collects radio wireless signals generated by the intelligent sensors of the S101 series.**

A single gateway can collect information from multiple sensors within a range and it allows for both localization and timestamp marking of the collected data. The gateway is the device that receives data from the sensors and transfers them to a centralized control platform (typically a Cloud-based solution). The gateway is connected via a single PoE (Power over Ethernet) cable, which is used for both power supply and data transfer. The gateway is equipped with integrated web server, which is necessary for the configuration and the diagnostics of the device. In its standard configuration, the gateway transmits the collected data to a centralised cloud-based server for direct and confidential consultation by the user without the need for other tools. In case of need, the system can also be customised for direct data transmission to a PLC (over TCP/IP) or an existing user platform.

MAIN FEATURES:

- Integrated web server
- Efficient and robust wireless radio transmission
- Simple, inexpensive and modular solution
- Allows monitoring of any type of machine/equipment/workstation in minutes
- Real-time monitoring of the production process and resources
- Global localization of assets
- Centralized and Cloud-based data collection, presentation and analysis
- Managing and logging of maintenance operations with automatic notification

FEATURES AND DIMENSIONS

Body material	Latamid V0
Mass	135 g
IP rating	IP40
Power Supply	PoE Ethernet Cable
Consumption	< 1 W
Temperature range	from -10°C to +50°C
Connections	PoE + 868MHz + broadband HTTP or TCP/IP
Local connection	Dynamic IP (default)
Configuration	Integrated Web Server
Signal coverage	10-80 m (depending on the layout)
Certifications	EN60950-1, ETSI 301 489-1 V.2.1. ETSI 301 489-3 V.2.1.1 ETSI EN302802

