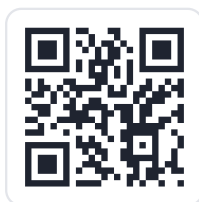




Magenta Technologies develops, integrates and deploys technology solutions for the public and private sectors, combining state-of-the-art technology, legal rigour and the ability to deliver.

Catalan public tender registry RELIC · DUNS 374028817 · EU PIC 863470333
Supplier on NCIA Neo eProcurement · Start-up certified by ENISA



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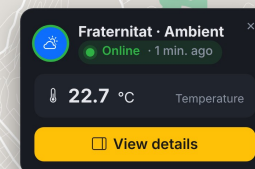
SENSE is a product of Magenta Technologies S.L. · Barcelona



by Magenta Technologies

Everything you measure, in one place. **Even with no internet.**

Sensors, cameras, alerts and artificial intelligence on a platform that runs on your own premises.



Map: © OpenStreetMap contributors · Protomaps

WHY SENSE

Unlike any other IoT platform



Offline-first

Works without internet: if the network goes down, it keeps measuring, storing data and alerting locally.



Your data stays home

No third-party cloud. The controller sits on your premises and the data is always yours.



Data and identity protected

Built for the GDPR: roles and per-sensor permissions, images only with a session, and people detection without facial recognition.



Modular and repairable

Standard hardware from several makers. If a part fails, only that part is replaced: lower cost and less e-waste.



Low cost, made to measure

Sized for each need, reusing the sensors you already have. The controller installs in under 30 minutes.



Maps on your website

Publish a live map of the nodes you choose and embed it in any web page.

WHAT'S INSIDE

The building blocks of sense-core



Sensors

Ambient, sound, presence, water, air and radio frequency.



Cameras

IP, USB and CSI: motion, recording and timelapse.



Visualisation

Dashboards, live maps, charts and reports.



Network bridge

Brings cameras on remote networks into SENSE, no open ports.



Actuators

Relays, lights, sirens and valves that act on their own.



Alerts

Threshold-based: email, Telegram, WhatsApp and SMS.



AI models

Forecasting and computer vision, 100% on-site.



Integrations

REST API, TAK / ATAK and MQTT.

TECHNOLOGIES

Connect what you already have

• WiFi

• LoRaWAN

• Meshtastic

• Ethernet

• 4G

• USB / serial

• CSI cameras

• IP / ONVIF cameras

• SDR

• MQTT

• TAK / ATAK

• REST API

WHAT IT CAN COVER

Use cases



Public space and events

Ambient conditions and footfall.



Traffic

Vehicle counts with cameras and radar.



Farming and irrigation

Soil moisture and weather.



Critical infrastructure

Access control and cable theft.



Occupancy

Headcounts in halls, museums and venues.



Forests

Temperature, humidity, smoke and fire risk.



Drinking water

pH, turbidity, conductivity, level and flow.



Radio spectrum

Jammer detection.

TESTED ON THE STREET

Gràcia Festa Major 2026: 5 nodes and 13 sensors for eight days on Carrer de la Fraternitat, Barcelona, monitored the environment and counted the people passing.

HOW TO GET IT

Three options



Buy

The hardware is yours: pre-installed controller, pre-configured nodes and a per-node licence.



Rent

Equipment, installation and removal for an event, a season or a construction phase.



Pilot

Up to a month with equipment from our lab, to prove it before you decide.

Every project includes a custom engineering and adaptation budget.

Tell us what you need to measure

info@magenta-tech.net