



Relay: VIA



IP54-IK08
Patented



Devices that can mesh different sectors in the town with the SensyCity detection environment to adjust and optimise street lighting according to different data.

Power supply built into the module for simplified installation into lamppost bases.

Available with a combined SIR/VIA sensor.

Associated with Tegis, it is also a communicating management node for the control and the monitoring of a light point.

ADVANTAGES

Ready for the city of tomorrow.

Open to all types of sensors with a dry contact output.

Designed for an urban environment.

Associated with Tegis ecosystem, it becomes a management node.

TECHNICAL CHARACTERISTICS

Mechanical characteristics:

- Mechanical strength: IK08 casing.
- IP54 protection rating.
- Material: polypropylene casing and protective skirt in thermoplastic elastomer.
- Colour: Black.

Electrical specifications:

- Main power supply: 220-240 Vac / 50-60 Hz.
- Power consumption: < 1 W.
- Electrical class: Class 2.
- Overvoltage resistance: 4 kV.
- Also available in 9-30 Vdc battery version.
- LED driver control only on the dry contact output.

Communication:

- Between light points: Secure LoRa radio.
- LED driver control: DALI or dry contact output.
- Dry contact data input.

Installation:

- Operating temperature: -20°C to +60°C.
- Wiring: 5 metres of cable included (4 conductors).
- Mounting: 3 holes / 2 M4 self-tapping screws.
- Recommended height: 3 m to 4.5 m.

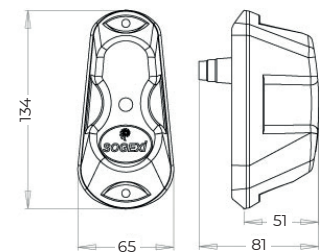
On-site configuration:

- On-site configuration interface: SensyCity application.
- On-site configuration tools: USB radio dongle.
- Many functions can be adjusted on-site.

Remote configuration in association with Tegis (dimming and monitoring of the light points)

Standards and certifications:

- Product standard: NF EN 60529.
- Product standard: NF EN 61347-2-11 (street lighting).
- EC Certifications.



OPERATION

The VIA recovers activation information from different sensors (vehicle radar, traffic sensor, weather, etc.) through a dry contact input and instantly sends it by radio to light points fitted with NOD receivers or SIR Wireless sensors.

The version including a DALI output also makes it possible to control the light point on which it is installed by a priority instruction sent to the LED driver (the level and duration can be set with the SensyCity application).

Night scenarios can be programmed in the VIA (version with DALI output) using the SensyCity application, with up to 5 time phases per night.



EXAMPLES OF POSSIBLE USES OF THE VIA

- SRM Radar.
- Car park barrier.
- Loop on the ground.
- Fire-fighter key.
- Etc.

