



## MANAGEMENT SOLUTION

# The communication gateway: APS



IP66 - IK08



The APS (Access Point System) communication gateway connects SLC Zhaga and NEMA nodes to the Tegis WEB platform for remote management of public lighting installations.

The APS uses the radio mesh network (2.4 GHz Wirepas technology) to communicate with the nodes.

The APS must be continuously powered and can manage up to 150 light points.

Positioned outdoors (on a pole or facade) or indoors (in a public lighting cabinet), it can be easily installed on a DIN rail or with a bracket.

## ADVANTAGES

Uses a self-forming and self-healing mesh network.

## TECHNICAL SPECIFICATIONS

### Mechanical specifications:

- IP66 and IK08 protection rating.
- Material: Polycarbonate.

### Electrical characteristics:

- Operating voltage: 110V-240VAC.
- Frequency: 50-60Hz.
- Classe 2.

### Radio communication:

- Wirepas-powered radio mesh network.
- Frequency: 2.4GHz.
- Modem: 2G, 3G, and 4G compatible.

### Installation :

- Outdoors (on a pole or facade) or indoors (in a public lighting cabinet).
- Requires a permanent power supply
- Operating temperatures: -30°C to +52°C
- Standard mounting:
  - DIN rail mounting with clips (cabinet/indoor version)
  - Pole mounting with strap or screws (outdoor version)

### Configuration :

- Range: Up to 150m in direct view.
- Programmable directly (OTAP) via the Tegis WEB platform.
- Available in 2 versions :  
Cabinet/Indoor & Outdoor

