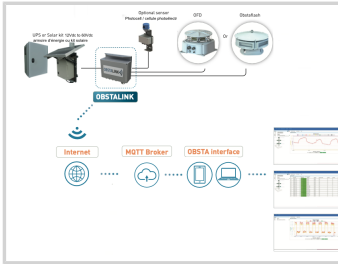


***This IOT gateway is designed to monitor and control OBSTA lights medium and high intensity only remotely on a dedicated web server. This IOT gateway is compatible with most of aviation warning lights on the market This controller allows to have a diagnostic remotely on a web server***



- **Centralized Management:** Enables maintenance, configuration, installation, and administration on a single site for up to 64 OBSTA day and night lights via CAN bus, using a single control cable connected to the OBSTA cloud.
- **Power Monitoring:** Monitors beacon power sources from solar kits or power cabinets (12Vdc, 24Vdc, or 48Vdc).
- **Precision Diagnostics:** Detailed diagnostics for every LED circuit within each light.
- **Real-time Telemetry:** Tracks temperature, humidity, status, and configuration for every light.
- **Remote Management:** Adjustable alarm thresholds and remote firmware updates for beacons.
- **External sensor:** Capability to connect a day/twilight/night photoelectric cell.
- **Robust Housing:** Housed in a painted aluminum enclosure with nickel-plated brass cable glands.
- **Lightning Protection:** Integrated surge and lightning protection.
- **Connectivity:** \* 4G LTE Modem with SIM card (MQTT support).
- **RJ45 Port, IPv6 supporting Modbus TCP and MQTT.**
- **ADLS Ready:** Fully compatible with Aircraft Detection Lighting Systems (circumstantial marking for wind turbines).



| Electrical Characteristics |                                          |
|----------------------------|------------------------------------------|
| Main voltage               | 90VCA to 277VCA 50/60Hz & 10VDC to 60VDC |
| Mechanical Characteristics |                                          |
| IP degree                  | IP65 in vertical position                |
| Weight                     | 5 kg                                     |
| Cable entry diameter       | from 8 to 15 mm                          |
| Wire cross section         | from 1 to 4 mm <sup>2</sup>              |
| Attachment                 | 4 screws type M5                         |
| Standards                  |                                          |
| Standards compliance       | EN 18031-1                               |