OPENSKY NEMA IoT

PR166201

Built on the global telecom standard (NB-IoT/ LTE CAT-M1/ EGPRS) that securely connects billions of devices today, OpenSky streetlight controller offers long range, deep coverage, high availability, high security and managed LPWA network.

OpenSky help cities to easily upgrade their regular streetlights to intelligent streetlights – In turn, creating an ideal foundation for a Smart City. IoT communication enables the streetlights to connect directly to the local cell phone tower, thereby significantly improving the security and reliability, as well as eliminating the need for a local gateway.

OpenSky delivers advanced system health analytics, power metering and asset management support. A standardised NEMA interface combined with an in-built GPS ensures universal luminaire compatibility and a quick installation. This is ideal for large-scale citywide deployment wherein high installation speed is preferred.

Luminaires with OpenSky controllers can be remotely monitored, managed and controlled using Tvilight CityManager or a third-party open API compliant CMS.

Features

- LTE Cat M1/Cat NB2/EGPRS communication
- Universal luminaire compatibility via standard NEMA interface
- Remote switch on/ off/ dimming
- 0 – 10V / DALI dimming interface
- Ambient light sensor/Photocell
- IP 54 + UV stabilized

- Accurate energy metering
- Autonomous, AstroClock and calendar-based dimming
- In-built GPS
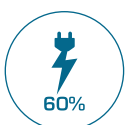- Last Gasp – No data loss in case of unexpected power failure
- No Gateway needed
- Remote management & control via CityManager and third-party software (open API)

Benefits

| Up to 60% energy savings | Up to 50% maintenance cost reduction | Substantial reduction in light pollution and CO2 emissions | Wireless platform for Smart City |

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