

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

OpenSky Zhaga 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.

When combined with a smart LED driver, OpenSky Zhaga delivers advanced system health analytics, power metering and asset management support. A standardised Zhaga (book 18) interface ensures universal luminaire compatibility and a quick installation. In-built GPS is ideal for large-scale citywide deployment wherein high installation speed is preferred.

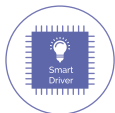
Luminaires with OpenSky controllers can be remotely monitored, managed and controlled using Tvilight CityManager or a third-party open API compliant CMS.



## Features



LTE Cat M1/ Cat NB1/ EGPRS communication



Smart Driver ready



IP 66 + UV stabilized



Ambient light sensor / Photocell



Universal luminaire compatibility via standard Zhaga book 18 interface



Remote switch on/ off/ dimming



Lighting control via DALI / SR/ DALI 2.0/ D4i



External motion sensor input; light-on-demand



Adaptive, autonomous, astro-clock and calendar-based dimming



Remote management & control via CityManager and third-party software (Open API)



In-built GPS



No Gateway needed

## 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

