

Product Specification Sheet

General Information

Product Name: LoRa Street Light Controller
Brand: Matric Clt
Application: IoT Smart Lighting Control

Key Attributes

Parameter	Specification
Control Type	App Control
Remote Distance	1.5 KM
Warranty	3 Years
Connection Mode	AC
Features	Waterproof, Wireless Control
Keyword	Smart Dimmer and control Module



Technical Features

- Supports LORAWAN LORA mesh, LTE FDD, LTE TDD, WCDMA, GSM
- Standard NEMA and/or pole-mounted interface
- Remote ON/OFF with built-in 16A relay
- 0-10V dimming interface support
- Failure detection (lamp, power, voltage, current)
- Automatic fault reporting to server
- Built-in power meter (voltage, current, power, energy)
- RTC for scheduling
- Photocell for automatic lighting control
- Temperature sensor for monitoring
- Network indicator for diagnostics
- Optional GPS
- OTA firmware upgrade support
- Lightning protection and IP65 waterproof

Scope of Application

Single lamp with LED driver

Street lighting, landscape lighting, tunnel lighting