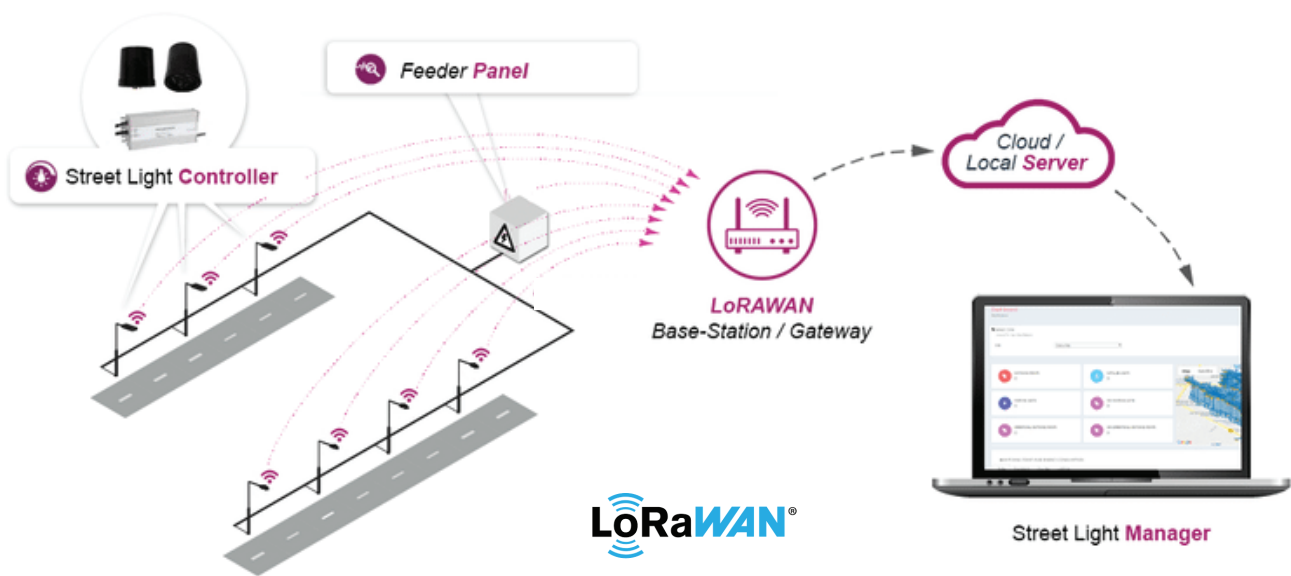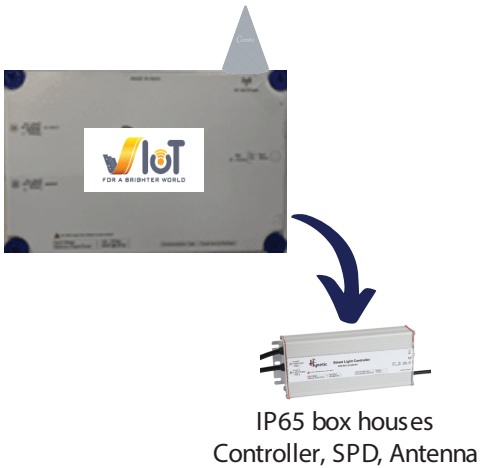VIoT Smart Street Light Solution is designed to create an overarching digital control system that is based on the concept of IoT, and cloud computing to deliver efficiency to existing streetlight grids.

VIoT External Dual Light controller provides a seamless integration option of installing external to LED Street Lights. This option provides better installation and serviceability for field technicians. This model can control two lighting loads individual without comprising on functionality.

KEY FEATURES

Remote On/Off	Dimming (1-10V Analog)	Control & Monitor 2 LED loads
Energy Calculations	Electrical Measurements	Health Monitoring
Less than 4W Consumption	10kV Surge Protection	IP65 Rated
LoRaWAN (AS923-2)	Up to two 500W LED Load	

IP65 box houses
Controller, SPD, Antenna

EXTERNAL DUAL LIGHT CONTROLLER

i. Technical Specifications

Product Name	Dual Light Controller (External IP65) - LoRaWAN AS923-2
Product Code	VIoT-SLC-2C-LW-923-2-EXT-R1
Input Voltage	90 to 320V, 50Hz
Lighting Loads	Up to 500W (Combination of 2 LED Lights)
Communication	LoRaWAN - AS923-2
Dimming Interface	0-10V Analog Dimmable Driver
Power Consumption	Less than 4W
Internal Surge Protection	10kV
Electrical Safety	Overload, Short-Circuit
Measurements	Voltage, Current, Power, Frequency, Power Factor, Apparent Energy, Active Energy, On-Hours
Network Security	128-bit AES Encryption
Manufacturing Standard	ISO 9001-2015

ii. Electrical Connections