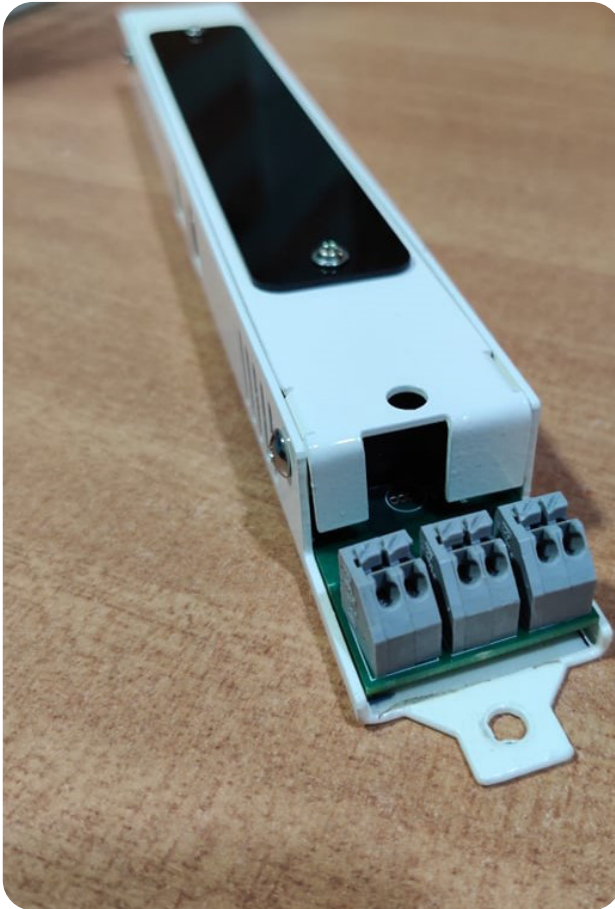


Precision SMART LIGHT CONTROLLER PG-SLC 100



Product Description

Smart Light Controller is an intelligence -based lighting control solution which incorporates communication between various system inputs and outputs. The evolution of smart light controllers has become an inevitable part of investment protection in human centric lighting and various dynamic control functional lightings. PG – SLC 100 is enabled to achieve an array of operations using LoRa technology, where it has the capability to integrate multi purpose sensors for a centralized operation and monitoring control.

Applications and Features



Human Centric Lighting



Air Quality Sensor



Gas sensor



UVA/UVC Virus Protection Lighting



PM2.5 monitoring



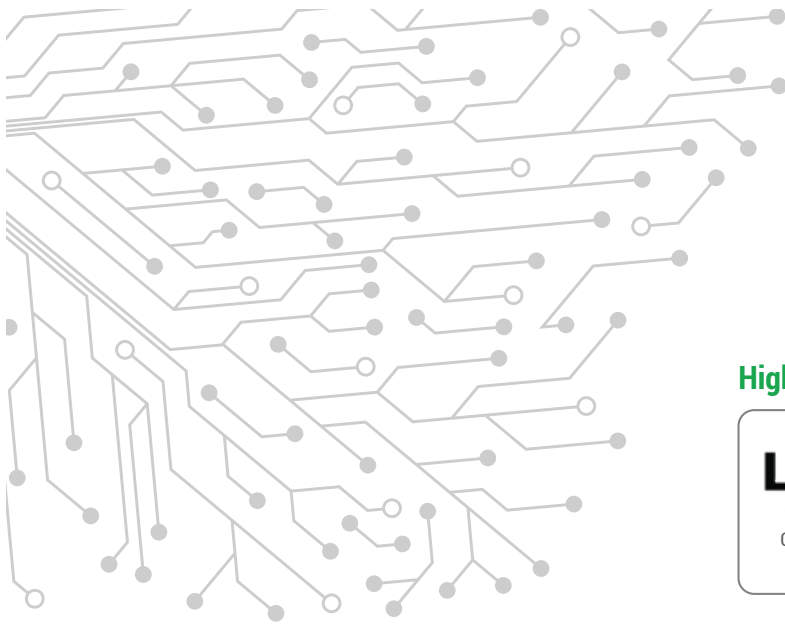
Fire sensor



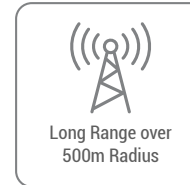
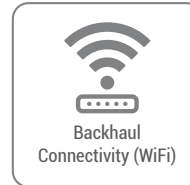
Power Saving
Occupancy Sensor
Day Light Harvesting
Scheduling



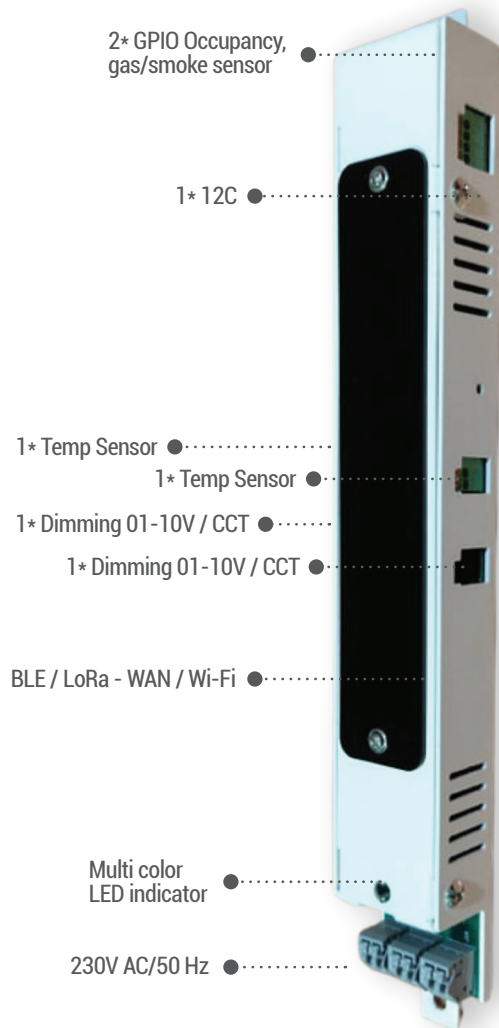
Smoke sensor



Highlights



TECHNICAL SPECIFICATION



SMART LIGHT CONTROLLER (PG-SLC 100)

Variants	PG - SLC 100
Sensitivity	-140dBm Sensitivity @292bps
Output Power	20dBm Max
Hardware System	
Input Power	230V, 50Hz AC
Controller Specification	
No. of Cores	Dual Core
Clock Speed	240MHz
RAM	512KB
Flash	4MB
Communications	
Wi-Fi	2.4 GHz-802.11 b/g/n
Bluetooth	v4.2 BR/EDR and BLE
LoRa	865 MHz to 867 MHz
Others	
AC output	2 * AC Relay controlled output, 10A Max
Interface	2 * GP I/O 2 * ADC 1 * I ² C 2 * Analog dimming 0-10V / CCT
Sensors	5 * Configurable sensor inputs
Indication	3 Colour LED for Status
Dimensions	LxBxH 255mm x 35mm x 25mm

