RAJANT

WAD 4 / sKyact.LC

Light Controller & Gateway

IoT INFRASTRUCTURE

Externally mounted on the lighting fixtures, WAD 4 controls and integrates the electrical devices using a lamp-as-IoT-hub approach (i.e. 802.15.4 and BLE). WAD 4 receives, via MQTT, the dimming settings scenarios, complete with date & hour of activation, adjusting the controlled lamp accordingly. Also, the device can be used as a gateway by external BLE sensors: it receives data from any BLE device and transforms the contents in MQTT Json message to be sent via MQTT to the platform.

The device is assembled in Nema Socket case and mounted directly on lamps through quick coupling.

Product Features	
Product Family Code	50.100002.001
Processor	Tensilica LX6 dual core processor
SRAM	520 KB
Wi-Fi & BLE Antenna	Integrated
Wi-Fi Protocol	802.11 b/g/n/d/e/I/k/r
Wi-Fi Standard	FCC/CE/TELEC/KCC
Wi-Fi Frequency range	2.4GHz - 2.5GHz
Ports	1 x temperature control 1 x luminosity sensor control 1 x PIR control 1 x humidity control 1 x display control 4 x dimming control 0-10V 1 x RGBW 1 x 12C
Bluetooth Protocol	Comply with BR/EDR/BLE standard of Bluetooth v4.2
Power Input	Integrated power supply 110-230V - output 5VDC
Power Consumption	2W
Operating Tempurature	-40°C - 85°C
Dimension / Weight	130 x 70 mm - 250g
Warranty	1 year

SREIOS

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