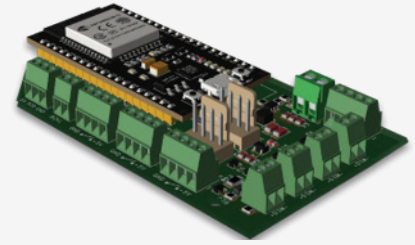


WAD 3 / sKyact.LC

Light Controller & Gateway

Externally mounted on the lighting fixtures, WAD 3 controls and integrates the electrical devices using a lamp-as-IoT-hub approach (i.e. 802.15.4 and BLE). WAD 3 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.

IoT INFRASTRUCTURE



Product Features	
Product Code	50.100002
Processor	Tensilica LX6 dual core processor
SRAM	520KB
WiFi & BLE Antenna	Integrated
WiFi Protocol	802.11 b/g/n/d/e/l/k/r
WiFi Standard	FCC/CE/TELEC/KCC
WiFi Frequency range	2.4GHz - 2.5GHz
Ports	1 x temperature control 1 x luminosity sensor control 1 x PIR control 3 x buttons control 1 x display control 1 x pressure & humidity control 4 x dimming control 1 x RGBW
Bluetooth Protocol	Comply with BR/EDR/BLE standard of Bluetooth v4.2
Power Input	12V
Power Consumption	1W
Operating Temperature	-40°C - 85°C
Size and weight	88x50x20mm - 20g
Warranty	1 year

