

Radiar SBM

Smart Curtain Controller



Product Overview

Radiar SBM is a wireless curtain controller that can be integrated to curtain motors via RS485 and UART protocol. The controller is powered from a 12-24VDC power supply, and can be used to control Drapery, Roller Shades and Wood Blinds. It can be mounted on to any surface with the mounting legs provided.

The device is part of Lumos Controls ecosystem and can be easily commissioned, configured and controlled from any mobile device and can be linked to other lighting fixtures.

Features

- Built-in Bluetooth 5.0 module
- Support RS485 and UART protocol.
- Curtain motor controls curtain open, close, stop, percentage position, shutter flip and other functions
- Life time 50,000 hours
- Zero downtime Over-the-Air firmware updates

Specifications

Electrical

Specifications	Value
Input voltage	12-24VDC
Input current	100mA

Environmental

Specifications	Value
Operating temperature	-20 to 50°C (-4 to 122°F)
Relative humidity	5% to 85%
Storage temperature	-40 to 80°C (-40 to 176°F)

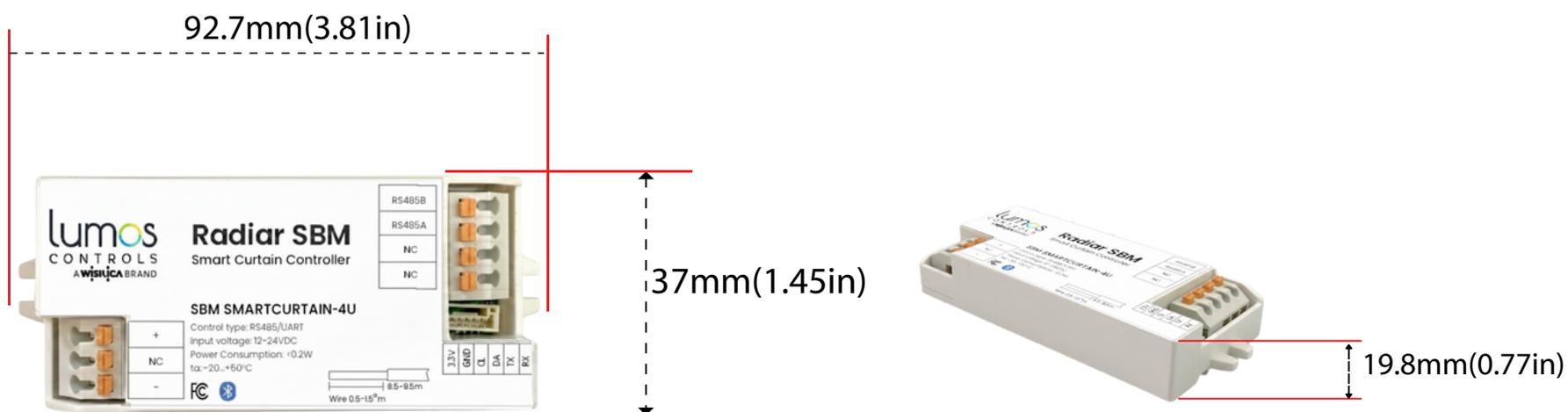
Bluetooth

Specifications	Value
Frequency range	2400-2483MHz
Max output power	8dBm
Receive sensitivity	-85dBm

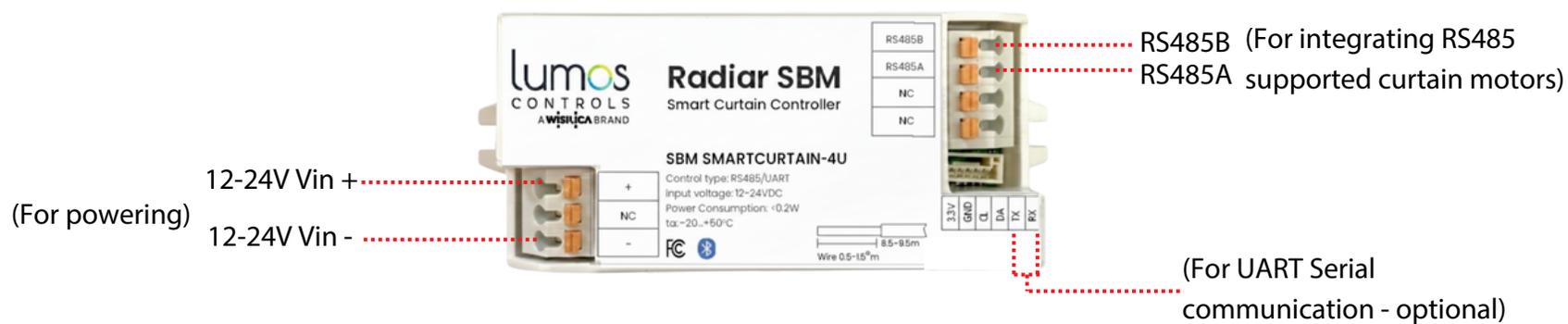
Mechanical

Specifications	Value
Dimension	92.7 X 37 X 19.8mm (3.81 x 1.45 x 0.77in)

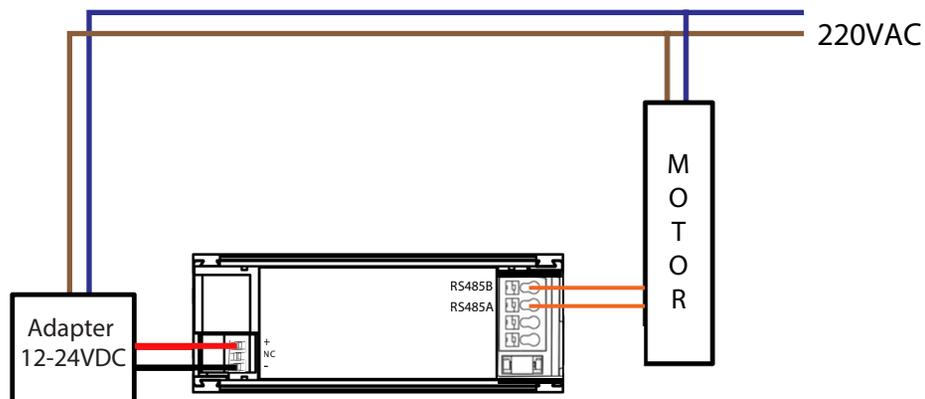
Product Dimensions



Connector Description



Wiring

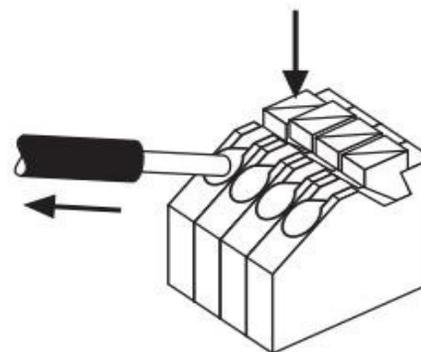


Wiring type and cross section

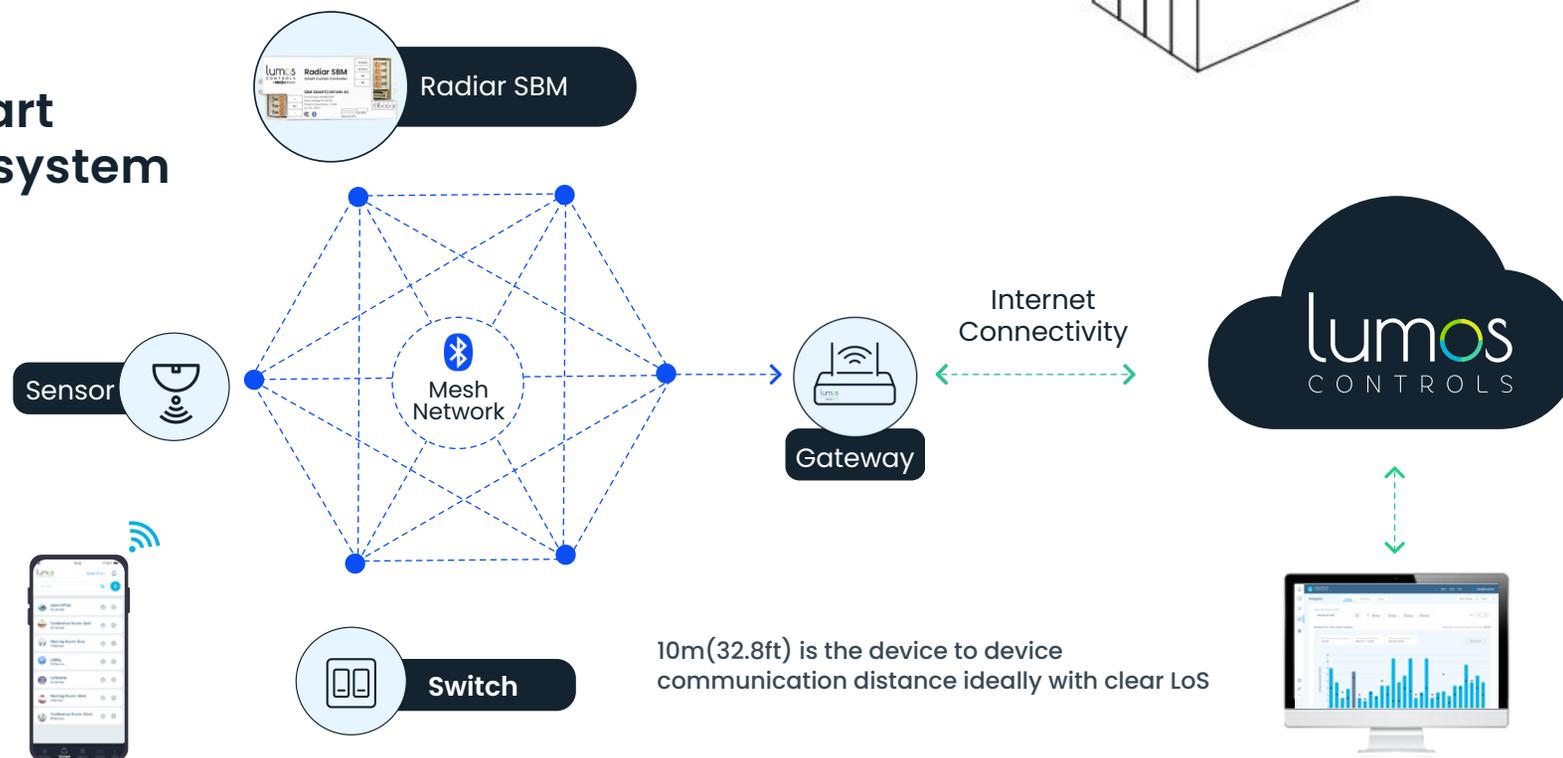
The wire can be a copper stranded wire with a rubber sheath, or a cross-section of 0.75–1.5 mm² the solid line. Stripped from the wire 8.5–9.5mm Insulation layer to ensure perfect contact with the plug-in terminal. Use only one wire per patch terminal.

How to pull out the wire

Press down the “push button” and remove the cable from front.



Smart Ecosystem



Ordering Information

Product Code	Product Description	Communication	Voltage Rating
SBM SMARTCURTAIN - 4U	Smart curtain controller based on RS485 and UART protocol	BLE 5.0	12-24VDC

*The product details are subject to change without notice.

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