



A remote monitoring unit for solar street lighting

RMU

Philips Solar Remote Monitoring Units (RMU) is a breakthrough solution for off-grid solar street lighting. It records system operation data, which can be used for energy reporting, environment and sustainability reports and system state-of-the health; The RMU enables real-time remote control, updating dimming profiles, remote programming and upgrading. The user-friendly interface of the software is easy for you to manage the solar lights remotely.

Benefits

- Monitor the health of critical components of the solar lighting system
- Remotely control the solar street lights, individually or in groups
- Logs energy data so you can analyse system performance
- Remotely optimise the dimming profile of street lights according to the changing solar irradiance in various seasons
- Make the solar street light system smart-city-ready with data access through APIs
- Real time alerts to minimise outages
- Easy installation through plug-and-play single cable connection

Features

- 128-bit AES-encrypted communication
- Weather-proof, rugged construction
- Web-based user interface, compatible with all major web explorers
- Multiple options to store the dimming profile in LCU or CCU
- Supports both individual and group controls
- Choice of 2G/3G/4G or Ethernet-based back-haul connectivity
- Role-based user access control mechanisms
- Configurable data read interval

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Application

- Solar Street Lighting

Versions



Application conditions	
Ambient temperature range	-10 to +65 °C
Approval and application	
Ingress protection code	IP65
Operating and electrical	
Cable connection kit	Excluded

Mechanical and housing

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401892601	Solar RM LCU A128	25 mm	65 mm	85 mm

Order Code	Full Product Name	Overall height	Overall length	Overall width
911401892701	Solar RM CCU A128	80 mm	170 mm	100 mm

