



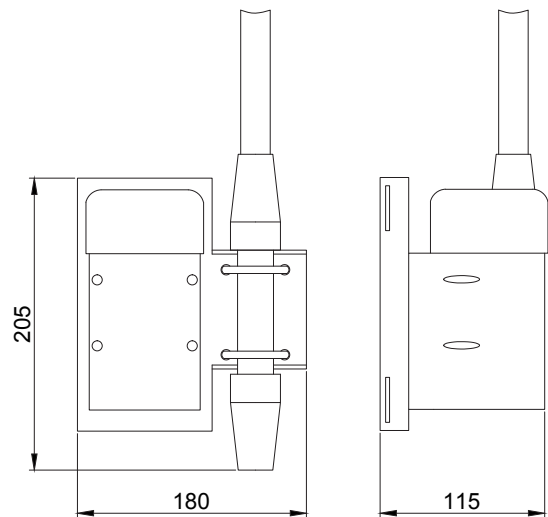
LiTouch Base Station Lite



LiTouch Base Station lite provides individual wireless remote control of luminaires equipped with LiTouch nodes. Base Station lite communicates as master using 868/915 MHz wireless interface. Base Station lite creates and controls network of up to 1000 LiTouch nodes, maximum distance depends on terrain and density of buildings. Base Station lite communicates with QULON software applications through GSM/GPRS/EDGE to control each luminaire remotely, monitor their status and power consumption.

Key Features

- Integrates wireless lighting networks into IoT software environment
- Long-range communication
- Ultra compact size, easy to deploy
- Licence-free radio frequencies
- Independent of other wireless networks
- Works in severe climate conditions (IP65)



QULON CMS

QULON is a powerful yet extremely flexible Central Management System for street lighting. A combination of software applications and different hardware technologies that will offer you full control over any kind of lighting network enabling activity scheduling, real time faults notification, remote meter reading, performance analysis, custom dimming scenarios creation, maintenance workflow management and much more, increasing efficiency and cutting down costs.



LiTouch Base Station Lite

Technical Specifications

Mechanical

- Housing: Plastic case
- Material: Metal, Plastic
- Dimensions, mm: 180(D) x 205(H) x 115(W)
- Mass: 3.0 kg
- Mounting: Pole or wall

Power & Electrical

- Input Voltage: ~100-270 VAC, 50/60 Hz
- Input Power (max): 8 W

Environmental

- Operating Temperature: -40...+70°C
- Storage Temperature: -50...+80°C
- Operating Relative Humidity (max): 99%
- IP Rating: IP 65
- Certification: CE, RoHS
- Warranty: 36 Month (Return to base)

Inputs / Outputs

- 868/915 MHz Antenna input: 1

Interfaces and Protocols

- Navigation: GPS/GLONASS
- Serial interface: RS-485
- Radio Channel: GSM 850/900/1800/1900
- LiTouch communication: ISM band 868/915 MHz
- Max output power: 16 dBm

Configuration / Indication

- Setup: Remote via GSM/GPRS/EDGE
- Indication: LEDs for GSM, RS-485, LiTouch activity

Package Contents

- LiTouch Base Station Lite
- User guide
- 868/915 MHz antenna
- Connectors kit

Product Line

Name	Modification	Product code
LiTouch Base Station Lite	868 MHz	CAB-LW-021-868
	915 MHz	CAB-LW-021-915



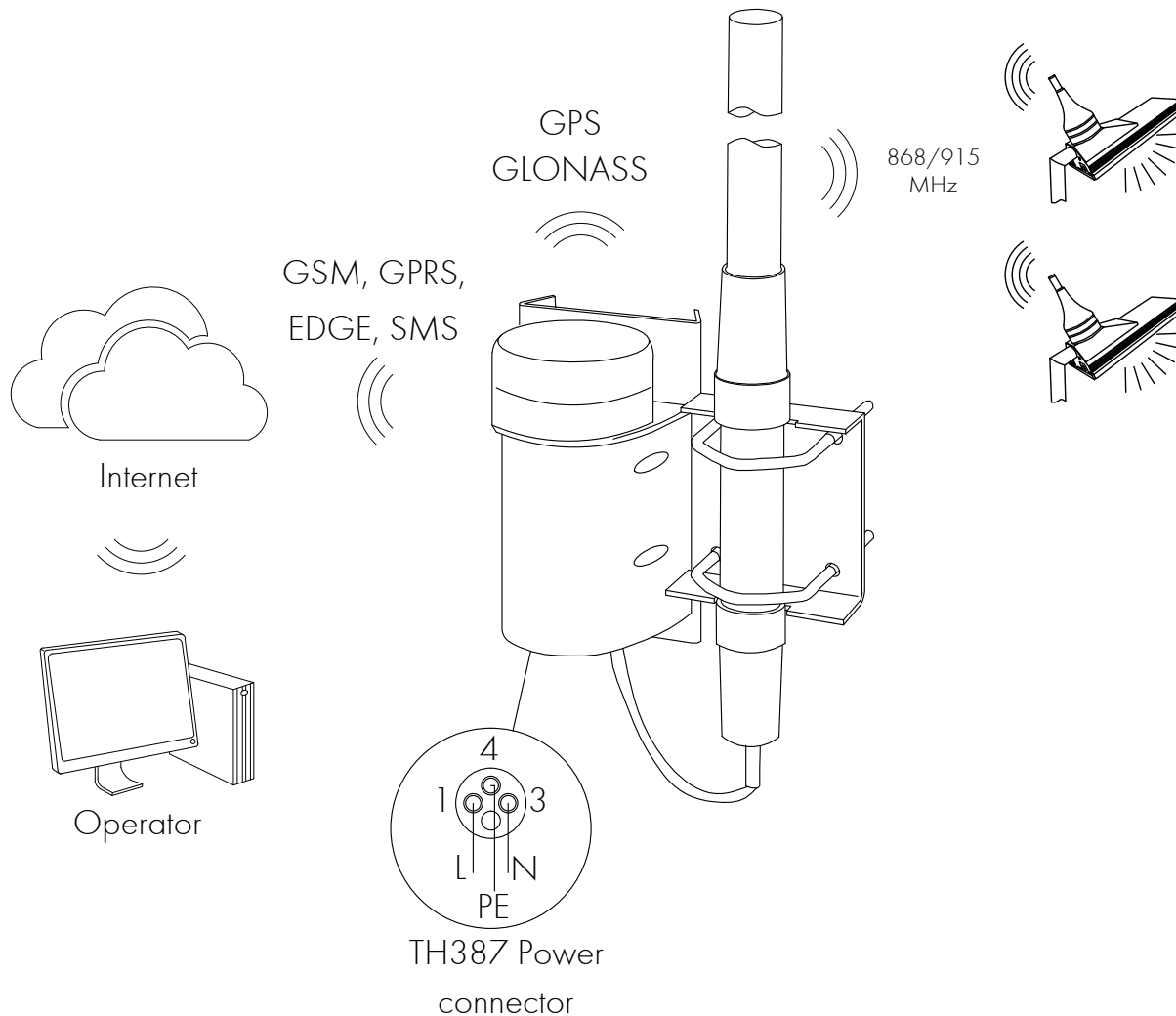
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LiTouch Base Station Lite

Connection Scheme



Disclaimer

To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. No liability accepted for errors or omissions. Always make sure to use the most recent release and contact Sundrax Electronics to verify correctness before placing your order.



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