



Qulon Traffic

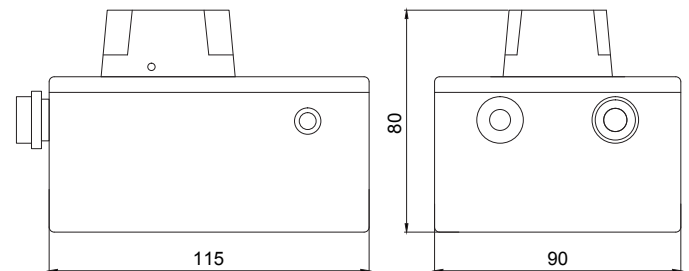
Traffic intensity sensor



Qulon Traffic collects traffic statistics on multi-lane roads and highways (up to 6 lanes). Classifies vehicles by their length. Works at long distances (up to 37 m). Mounted to the pole, has built-in GSM modem. Integrated into lighting management system. Essential for those who desire to have accurate traffic information.

Key Features

- Easy installation and programming
- Built-in power supply
- Die-cast, waterproof metal casing
- Built-in GSM modem



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.



Qulon Traffic

Traffic intensity sensor

Technical Specifications

Mechanical

- Housing: Solid case
- Material: Metal, Plastic
- Dimensions, mm: 115(D) x 80(H) x 90(W)
- Mass: 0.85 kg
- Mounting: Pole

Power & Electrical

- Power supply: ~100-270 VAC, 50/60 Hz and 12 V Accumulator (optional)
- Input Power (max): 5 W
- Mains Fuse: 0.5 A

Environmental

- Operating Temperature: -40...+70°C
- Storage Temperature: -50...+80°C
- Operating Relative Humidity (max): 100%
- IP Rating: IP65
- Certification: CE, RoHS
- Warranty: 36 Month (Return to base)

Configuration / Indication

- Setup: Initial via RS-232; Remote via GSM/GPRS/EDGE
- Indication: LEDs for activity

Inputs / Outputs

- Wireless channels: 1
- Connectors: 15EDGVC terminal blocks

Interfaces and Protocols

- Serial interface: RS-232, RS-485 (optional), GSM/GPRS/EDGE
- Radio Channel: GSM 850/900/1800/1900
- Max length of RS-485 line: 1500 m

FMCW Radar

- Operating Band: K-Band
- Used Bandwidth: 24.020 to 24.230 GHz
- RF Power Output: 5 mW
- Antenna Beam Pattern: 20x60 deg
- Max Range: 37 m
- Range Resolution: 0.95 cm
- Polarization: Linear

Package Contents

- Qulon Traffic module
- Mounting bracket
- GSM antenna
- User guide

Product Line

Name	Modification	Product code
QULON Traffic		QUL-T-6-37-232



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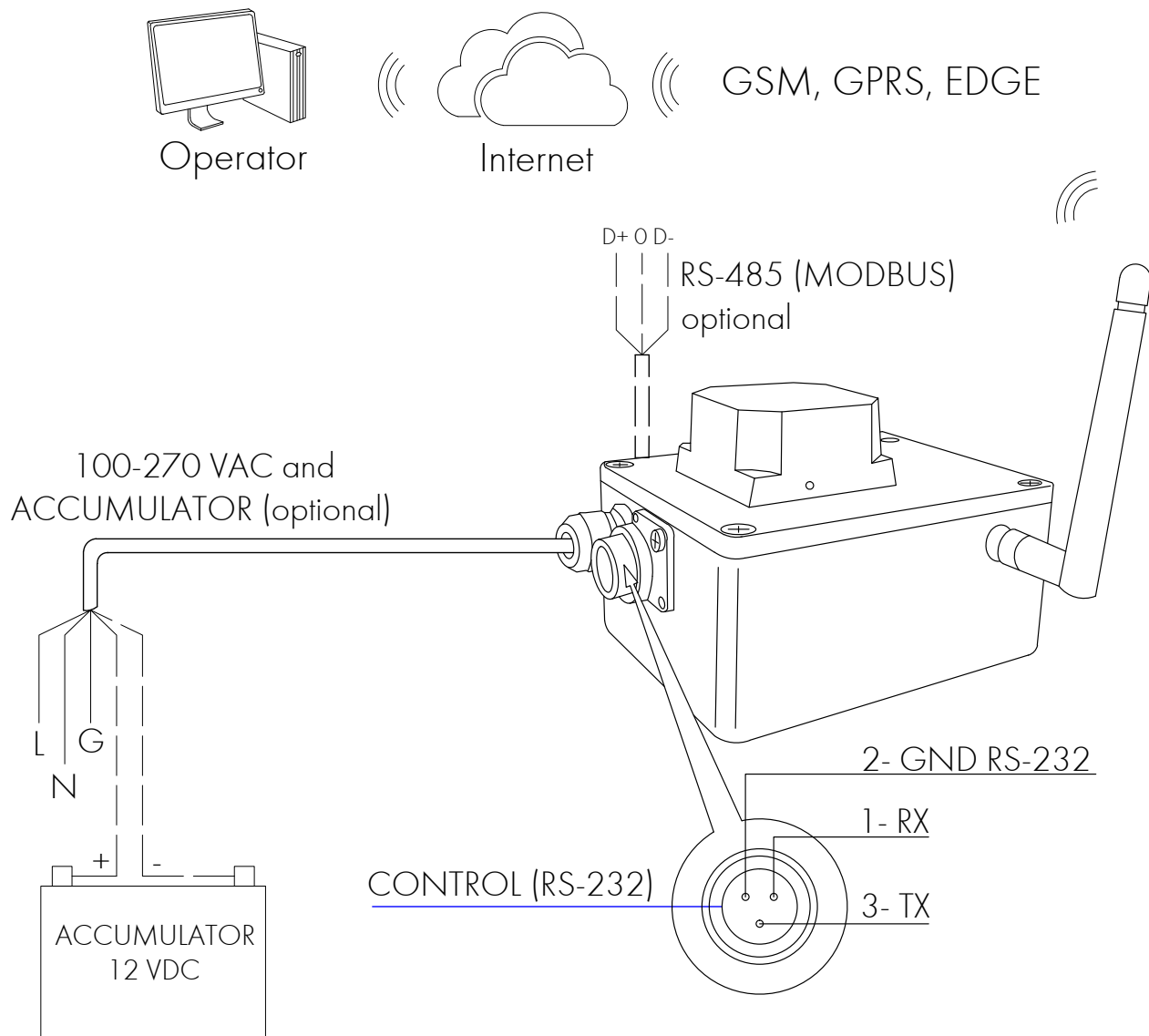


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Qulon Traffic

Traffic intensity sensor

Connection Scheme



Accessories

Name

Product code

Enhanced signal quality GSM antenna
RS-232 Interface Cable

QUL-ACC-GSM-401
QUL-T-AC-232CAB

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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