

## Qulon Traffic

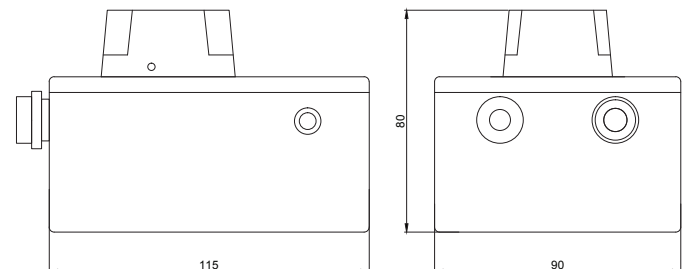
Traffic intensity sensor



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

QULON CCMS by Sundrax Electronics provide extreme performance and reliability for fail-proof individual remote control of any luminaire type bringing adaptive lighting and is increasing or dimming the lights on demand. Professionally tailored on CCMS collects various electricity data from lighting cabinet (current, power factor, cumulative power (kWh/kVAh), active and apparent power, voltages, etc) and then sends it to server via GSM/GPRS/EDGE mobile network. All the programming of central module of CCMS is done remotely from the software. All created on/off/dimming schedules are stored in it so all equipment can operate without internet connection.)

# 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 Ac-cumulator (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: 15EDGV 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
- QULON Software access license

## Product Line

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

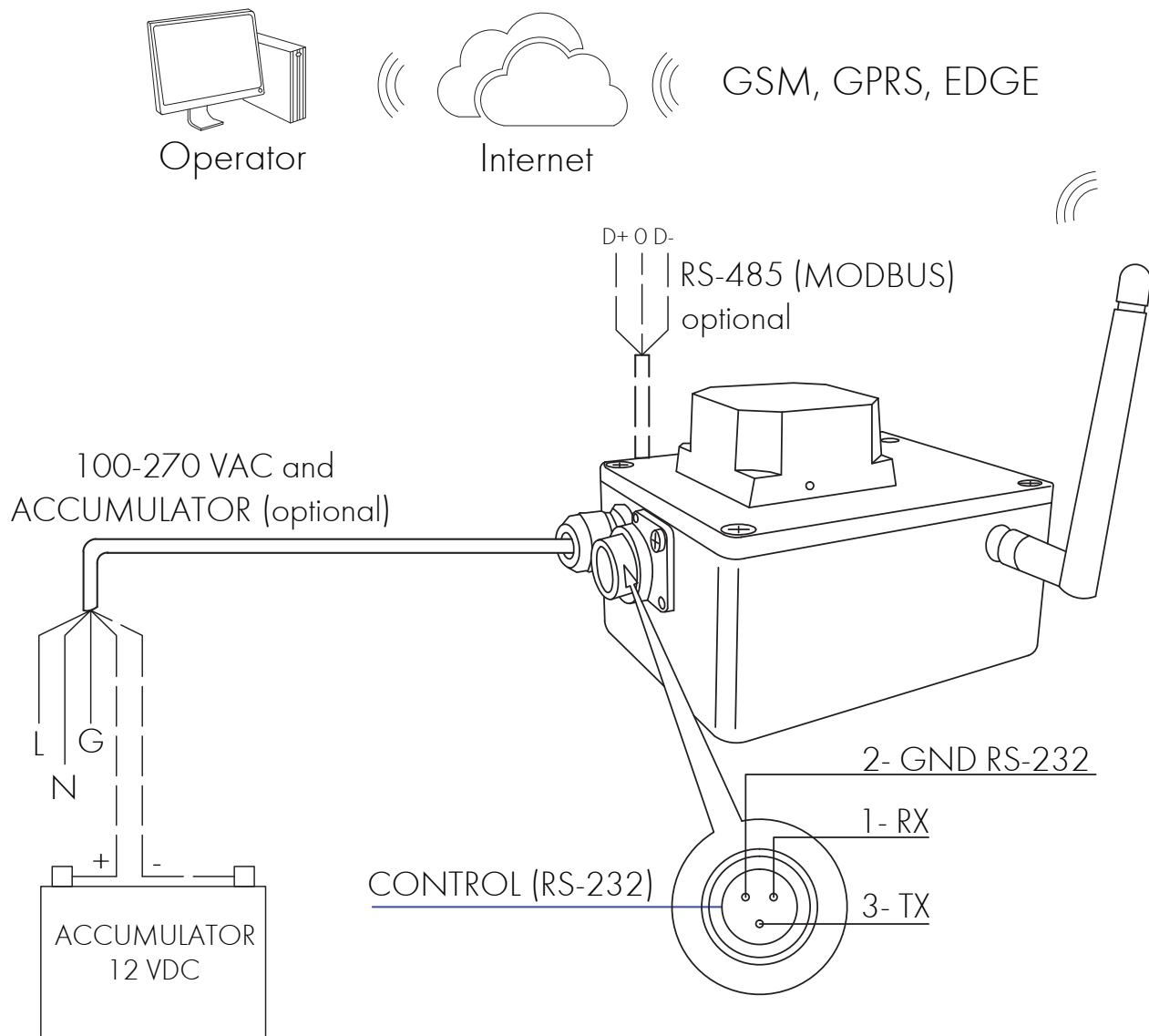


Sundrax Electronics,  
707, Westgate House,  
Westgate Road, London W5 1YY  
+ 44 (0) 208 991 33 19  
office@sundrax.com  
www.sundrax.com

# 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.



Sundrax Electronics,  
707, Westgate House,  
Westgate Road, London W5 1YY  
+ 44 (0) 208 991 33 19  
office@sundrax.com  
www.sundrax.com