

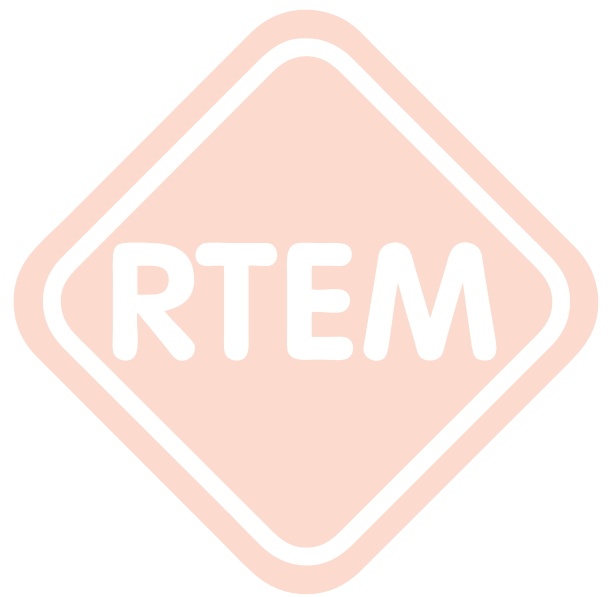


Road Traffic Equipment Manufacturers

Home of the versatile SP4 intelligent loop detector platform



**RTEM Roadside Cabinet
& Power Options**



- **Economical equipment housing**
 - **Durable & Secure**
 - **Minimal visual impact**
 - **Reliable power options**

RTEM Roadside Cabinet

A small ground-mounted cabinet for housing RTEM traffic monitoring systems. High-quality galvanised steel manufacture, with single door. Supplied with back-board and client's choice of 1 or 2 shelves and RTEM wiring loom pre-installed. Compatible with mains, solar and wind power options.

External Height: 950mm

External Width: 450mm

External Depth: 250mm

Height of Detachable Base: 300mm

Construction: 3mm galvanised steel

Weight of Cabinet: 47kg

Back-board: Plywood

Internal Shelves: Optional – 1 or 2

Lock type: Tri-head (other options available)

RTEM Solar Power Options

Power problems have long plagued traffic monitoring equipment using cabinet-mounted solar panels, preventing reliable year-round operation – especially when sending “real time” data to an instation. RTEM's 20W pole-mounted solar panel provides abundant power to RTEM equipment – even when making a GPRS connection every 5 minutes. The pole also allows for mounting of a booster antenna to maximise mobile network reception.

The pole is designed to be mounted on RTEM's Roadside Cabinet, and can easily be removed for maintenance.

In environments where a pole-mounted panel would not be considered visually acceptable, alternative solar panels can be mounted on the front or rear-face of the RTEM cabinet. Where this is approximately south facing, the panel will still easily outperform traditional cabinet-mounted panels.

We are pleased to be able to keep the cost for this robust power solution comparable with traditional cabinet-top solar options.

Where existing ground-mounted or pedestal cabinets are to be used, the pole-mounted solar panel can be installed free-standing or attached to the cabinet. Please enquire for availability and compatibility of cabinet-mounted solar panels.

RTEM Wind Power Options

Small wind power generators can be supplied either in combination with solar power or on their own. Pole-mounted, these generators will produce more than adequate power for all traffic monitoring applications at almost any open location in the UK.

RTEM Mains Power Options

The RTEM cabinet can be supplied pre-fitted with connections for a mains power supply, suitably fused and with an appropriate isolator switch and single or double 3-pin plug sockets. Heaters are not normally required.

Keep the inside of traffic monitoring cabinets neat and tidy ...

Keeping your traffic monitoring equipment neat and tidy inside the cabinet can be a problem. If someone else had to open one of your cabinets, would it be clear to them what they were looking at?

It is in order to address this issue that RTEM introduces its Pre-Wired Cabinet Tidy Box

- Designed to snugly contain all wiring connections and an SP4 classifier, with or without modem and solar charge regulator.
- All components clearly labelled.
- Layout designed to minimise the risk of any connections moving or becoming loose.
- External connections to a solar panel, external antenna, battery and PC.
- Becomes IP65 rated waterproof with the cover on.
- Supplied pre-installed in RTEM Roadside Cabinets
- Suitable for use in existing ground-mount or pedestal traffic count cabinets.
- Large label on front of box identifies contents and has space for customer's contact details.



RTEM can either supply this equipment for installation by your own workforce or preferred contractor, or we can arrange installation for you. Please contact us for supply, delivery and installation rates.

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