



RC2 Tripod

Compact, rapid deployment
with AutoGreen Technology

The RadioConnect2 Tripod is the ideal solution when rapid deployment is needed to keep traffic flowing. The most advanced tripod traffic light on the market, the RC2 Tripod features the same innovative technology as the RadioConnect2 but in a compact form, suitable for transport in a wide range of vehicles. The Tripod RC2 is available in AutoGreen or Lite versions and is compatible with the standard RC2 unit.

APPLICATIONS



Traffic

FEATURES

- AutoGreen enabled
- Compact, ideal for rapid deployment
- Well suited to gang works and short-term jobs



AutoGreen



ACM

Portable

The innovative solution for a safer, greener and more efficient roadworks environment.
www.TrafficGroupSignals.com



The ideal solution when rapid deployment is needed to keep traffic flowing.

RC2 Tripod

The RC2 Tripod is a revolutionary new tripod design, with integral, head-mounted battery and adjustable legs for use on uneven ground. It is highly portable and designed for quick deployment, ideal for gang works and short-term jobs.

It is available with AutoGreen, a new mode that dynamically adjusts green timings for 2-way operation, proven to improve efficiency of 'tidal flow' conditions at different parts of the day.

- Maintenance-free AGM battery integrated into the head, providing best-in-class run-time of at least 36 hours, with battery level indication and estimated hours remaining
- Advanced **AGD FMCW radar**, capable of separately tracking each approaching vehicle
- High-performance, **Active Channel Management (ACM)** radio system for reliable communication
- Controller capable of being either a master or slave, supporting up to 4 ways, plus linked slaves
- Batteries are 'hot swappable' for continuous in-service operation and in-car charger kit option available
- Available with or without **AutoGreen Technology**



For more information call +44 (0) 345 460 9999
or email: info@trafficgroupsignals.com

Traffic Group Signals Ltd White Lion House, Gloucester Road, Cheltenham, GL51 0TF

 **TRAFFIC
GROUP
SIGNALS**

Power

No of Batteries	1
Battery Technology	Sealed Lead Acid Rechargeable (12V 22Ah)
Integrated Charger	Not available
Runtime on Single Charge (Days)	Up to 36 Hours
System Recharge Time	Typically 8 hours, 6.5 hours minimum recommended

Physical & Security

Signal Head Options	Traffic only
Controller Options	RC2 Tripod Standard RC2 Tripod Lite
Finish	Yellow pole only
Handle	Integrated, Folding
Footprint	1m x 1m
Physical Security	N/A
Client Specific Coding	Yes
Keyed alike option?	Yes
System Weight (Kg)	Head 17kg; Stand 7kg; Battery 6kg; Stillage 7kg
Total Assembled Weight (Kg)	<30kg

Radar & Radio

Detection Technology	AGD302 FMCW Smart Radar
Radar Power	<100mW eirp
Radar Frequency	24.150 to 24.250 GHz
System Range	5 to 300m subject to line of sight variations
Active Channel Management	✓

Environmental

Dry Heat (BS EN 60068-2-2:2007)	✓
Cold (BS EN 60068-2-1:2007)	✓
Damp Cyclic (BS EN 60068-2-30:2005)	✓
Drop (BS EN 60068-2-31:2008)	✓
Impact (BS EN 62262:2002 & BS EN 60068-2-75:2014)	✓
Random Vibration – Transportation (TR2130E Sect 5.1)	✓
Random Vibration – Operational (TR2130E Sect 5.2)	✓

Bump (BS EN 60068-2-64:2008)	✓
Shock (BS EN 60068-2-27:2009)	✓
Water Ingress (BS EN 60529:1992 + A2:2013)	✓
Drop and Topple (TR2130E & BS EN 60068-2-31:2008)	✓
Wind Tunnel Test	18m/Sec