



Datasheet

RadioLight PRO Eco

Key Benefits:

- Radio-linked communications with an upgraded aerial.
- Easy-to-use for rapid deployment.
- Streamlined axel and post provides weight savings vs traditional RadioLight.
- Remanufactured component parts.

Functionality at a glance:

- Multiphase, double-head and pedestrian capabilities.
- Pedestrian functionality.
- Capable of four traffic phases, inc. one pedestrian phase.
- 32 channel radio.

For more information about RadioLight PRO Eco, visit srl.co.uk or call us on **0808 2818 775**.

Related Products:

- SRL Telematics.
- SRL Remote Control.
- SRL Solar PLUS.

PHYSICAL APPEARANCE	
Signal Head Configuration	Single Head & Double-Head Capability
Height	2320mm
Box Dimensions	465mm (H) x 710mm (W) x 800mm (D)
Overall	2320mm (H) x 710mm (W) x 800mm (D)
Weight	85kg (exc. batteries) 154kg (inc. LA battery) 184kg (inc. AGM battery)
Weight + SRL Solar PLUS	91kg (exc. batteries) 190kg (inc. AGM batteries)
Security	Four bullet locks and one T-bar lock as standard

POWER	
Battery Type	Lead Acid / AGM
Run Time	7 Days (LA) / 13 Days (AGM)
Battery Capacity	115 mAh (LA) / 100 mAh (AGM)
No. of Batteries	3
Charge Time	8 hours
SRL Solar PLUS Compatible	RadioLight PRO Eco is available without SRL Solar PLUS, note that weight and run time are affected
Operating Voltage	12v
Operating Power	8w

SOLAR TECHNOLOGY	
SRL Solar PLUS Power	50w
Intergrated MPPT (Maximum Power Point Tracking) Charge Controller	Yes
Cell Technology	Monocrystalline silicon
Conversion of Sunlight	24%
SRL Solar PLUS Weight	8kg
Safety Class	A
Operating Temperatures	-40°C TO +85°C

OPERATING MODES	
Multiphase ADS	No
VA	Yes
All Red	Yes (via signal controller or remote)
Red Time Method	1 second increment changes
Adjustable Green Time	10s - 60s in increments of 1 second
Adjustable Red Time	1s up to 50s in increments of 1 second
Manual	Yes (via controller or remote)
Fixed Time	Yes (via controller)
Day Programming	No
Part Time Signalling	No
Signal Dimming	No
UTMC Compatibility	No

CONTROLLER	
Max Live Traffic Heads	4
Max Pedestrian Heads	2
Max Traffic Phases	4
Max Pedestrian Phases	1
Max Total Signal Phases	4
Remote Control Compatible	Yes (SRL Remote Control)

COMMUNICATION	
System Range	~300m
Radio Frequency	458Mhz
SRL Telematics	Yes

ENVIRONMENTAL	
Directives:	
2014/30/EU - Electro Magnetic Compatibility Directive (EMC 2016)	
2014/53/EU - Radio Equipment Directive (RED) 2017	
SI 2005 NO 1803 - General Product Safety Regulations 2005	
(EU) 2015/863 (RoHS 3) - Restriction of Hazardous Substances	
Standards:	
BS EN 50556 - Road Traffic Signal Systems	
BS EN 12368 - Traffic Control Equipment/Signal Heads	
BS EN 50293 - Electromagnetic Compatibility Road Traffic Signal Systems Product Standard	
Statutory Instrument 2016 No. 362 - The Traffic Signs Regulations and General Directions 2016	
Traffic Signals Manual Chapter 6 and Chapter 8	



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Scan the QR Code for more product details.