



The UK's largest  
manufacturer and supplier of  
**Portable and Temporary  
Traffic Systems to  
Hire or Purchase**



# Leading The Way In Technology And Service



SRL are the UK's only manufacturer to sell and hire traffic light equipment. After decades of manufacturing and selling, SRL became the first, and to date only, manufacturer to offer traffic light equipment for hire nationwide to the Traffic Management industry.

Confident of the quality of the product range, SRL have the UK's largest hire fleet of portable and temporary, traffic lights and pedestrian signals, and more recently a comprehensive range of VMS signs.

With a nationwide 30+ depot network, a specialist fleet of over 150 delivery vehicles, in excess of 1,400 bespoke trailers, and a highly-skilled, knowledgeable workforce, no other hire company can offer the Traffic Management industry similar support.

SRL are the only manufacturer of portable and temporary traffic lights with the product confidence to be on the front line with our customers 24/7.

As a purchaser or hirer of SRL equipment, you can be sure that SRL have provided you with the best products available together with the highest quality component parts and after-sales service to match.



**Our wealth of  
knowledge, expertise  
and service makes us  
the best at what we  
do and we have the  
accreditations  
to match**

SRL remains the only manufacturer with an unblemished Highways Agency "Type Approval" for the entire product range. This remains a proud achievement and testament to the overriding principles of the SRL founders and Executive Management Team, with total and unwavering focus on...



**Quality**



**Safety**



**Reliability**



**Innovation**





# Buying Or Hiring From SRL Is Easy



## Adhoc Hire

SRL design, manufacture and offer a hire fleet of the most extensive range of pedestrian and traffic lights systems in the country. We also have available for hire a comprehensive range of CCTV and Smart Signs to support customer requirements. Our units are up to date with the latest technologies that are simple to operate and very user friendly.

SRL are the only manufacturer with a nationwide hire division. Our products are designed to be robust and reliable. Our service commitment to standing on the frontline with our customers 24/7 supporting our products enables our customers to have complete confidence in the products we manufacture.

SRL are the ideal hire partner for any customer who requires high quality, easy to operate, flexible systems. Some of our customers hire our products to top up their existing owned traffic light fleet, whilst many prefer to avoid the high-cost outlay and ongoing liability of ownership and hire traffic lights and pedestrian units when required.

Hire alleviates the need for secure storage when not in use and continuing fleet maintenance. Every signal SRL supplies for hire has been serviced, checked and tested before deployment. With over 30+ depots situated throughout the UK and Ireland, it means that products hired from SRL can be delivered quickly to your depot or site. As with our sales customers, hire customers have the full support of our 24/7 call-out facility and on-site assistance including installation and decommissioning services.

**E** [hire@srl.co.uk](mailto:hire@srl.co.uk)

**Contract hire for 1 or 2 year  
- now includes colour branded boxes!**



## Buy

There is nothing simpler than purchasing equipment from SRL.

From the moment you make contact with our fantastic team, you are in safe hands.

From the point we receive your enquiry we listen closely to understand your business needs giving options along the way to the point of delivery. Often never a one size fits all, SRL listens to your needs and using our immense product knowledge can tailor the best product for your requirements.

**E** [sales@srl.co.uk](mailto:sales@srl.co.uk)



## Contract Hire

Contract Hire is a fixed-term agreement with SRL that allows you to hire over an agreed period, giving you a cost-effective hire option without the capital outlay and worry of asset depreciation.

Contract Hire also means that SRL will take care of equipment maintenance, be it scheduled or reactive. We take care of equipment inspections and 6 monthly MOT's for trailers. We'll ensure that the equipment is delivered fully serviced and ready for use. You will also benefit from prompt breakdown response times 24/7 from one of our 30+ hire depots.

Contract Hire allows you the same flexibility as if the equipment were your own, allowing you to allocate it to jobs as and when it's needed. As the agreement is a fixed term, you can easily budget your fixed monthly costs too! You will benefit from a reduction in hire rate due to your commitment to hiring from us for a fixed term, whether 12 or 24 months. You can choose to colour brand your boxes with a long lasting powder coating.

At the end of your contract hire agreement, you can simply hand the equipment back or enjoy the automatic renewal facility, we will be happy to discuss your many options of renewal.

**E** [hire@srl.co.uk](mailto:hire@srl.co.uk)


**T** 01606 738866 **E** [hire@srl.co.uk](mailto:hire@srl.co.uk) **E** [sales@srl.co.uk](mailto:sales@srl.co.uk) **E** [vms@srl.co.uk](mailto:vms@srl.co.uk) **E** [urban64@srl.co.uk](mailto:urban64@srl.co.uk)

# Unrivalled Service and Support




As you would expect from the Europe's largest traffic light equipment manufacturer and hirer, we don't just deliver a product, we offer a full after sales/hire service. We are proud to be on the front line with our customers 24/7 with 30+ depots across the UK.


Our wealth of knowledge, expertise and service makes us the best at what we do.




Delivery




Maintenance




Battery Exchange




On Call




Local Parts Stockists




Installations




Site Survey



Control



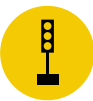
Managed Solutions





Tracker




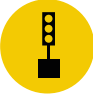
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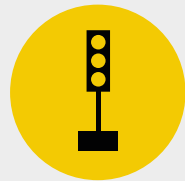
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# Portable Products

The need for efficient management of traffic flow at temporary traffic equipment has never been greater. The ever increasing demand for larger systems, often incorporating pedestrian facilities, has put SRL at the forefront of design and development in the products available to the industry.

Planned and unplanned works means getting equipment in-situ quickly is of paramount importance and the need for reliable equipment that is easy to set up is vital. The SRL range of portable traffic lights and pedestrian units meets all these needs with ease.



## Radiolight® Portable

This versatile product is used for a range of traffic flow situations. Complete with radio link and 3 x 12v batteries per signal.



### Key Features

- Radiolinked
- 4 year controller/radio warranties
- Multiphase, double head & pedestrian capabilities
- 3 x 12v batteries per signal providing up to 10 - 12 day running time
- LEDs R.A.G.
- Galvanised metalwork
- Detachable signal posts
- T-bar security locks
- 32 channel radios
- Vehicle detection
- Red light monitoring
- Single or Multiphase trailers complete with electrics
- Remote control optional

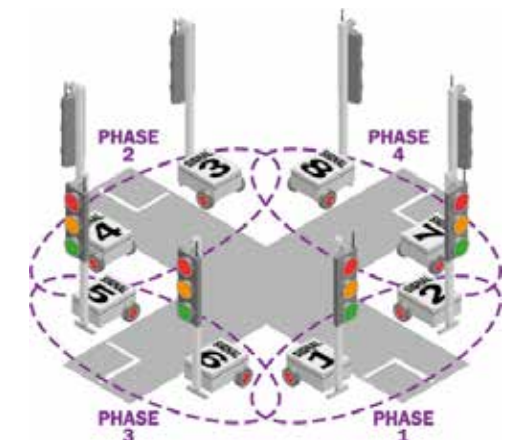


### Approvals

- Highways Agency Approval TR 2502 (Equivalent)
- Highways Agency Approval TR 2503
- Highways Agency Approval TR 2504
- Highways Agency Approval TR 2537
- Highways Agency Approval TR 2538

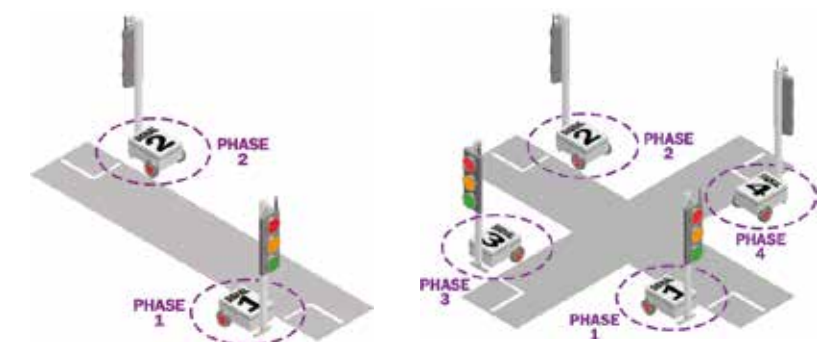


On-board or in depot charging options



### Typical Radiolight® Road Layout Diagrams

View more diagrams at [www.srl.co.uk/pages/portable](http://www.srl.co.uk/pages/portable)



### Flexible Solutions

Fully portable products to give flexibility and ease of use.



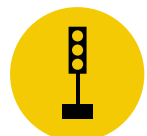
### Unrivalled UK Coverage & 24/7 Support

With the UK and Ireland's largest network of 30+ depots for fast delivery and support.



### Highways Agency Approval

TR 2502 (Equivalent), TR 2503, TR 2504, TR 2537, TR 2538



## Portable Products

### Radiolight® Compact



#### Key Features

- 705kg total weight including trailer
- No tachograph
- No trailer licence
- 5 days running time
- 4-way system
- 2-way, 3-way or 4-way capability or 2-way x 2 sets
- 2 x 12v batteries per signal providing up to 7 days running time
- Compact purpose designed, galvanised metal trailer
- Signal head security bars
- Detachable signal heads
- LEDs R.A.G.
- T-bar security locks
- 32 channel radios
- Vehicle detection and red light monitoring
- Optional remote control
- Multiphase trailers complete available with electrics



#### Approvals

- Highways Agency Approval TR 2502 (Equivalent)
- Highways Agency Approval TR 2503
- Highways Agency Approval TR 2504
- Highways Agency Approval TR 2537
- Highways Agency Approval TR 2538



4-way traffic lights system under 750kg



**TOPAS**  
A supplier of TOPAS registered products



## Rapid Response



#### Key Features

- Lightweight
- Easy to transport
- Quick to install
- Fully integrates with portable and temporary systems
- Multiphase - Capable of up to 8 phases
- Pedestrian capability
- Double head capability
- 5 days running time
- No requirement for a trailer
- Bespoke charger supplied
- Detachable signal head
- Collapsible tripod stand



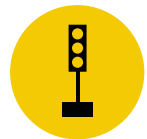
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- Highways Agency Approval TR 2537
- Highways Agency Approval TR 2538

**TOPAS**  
A supplier of TOPAS registered products







## Portable Products

### Pedestrian Portable

Can be used as a stand-alone unit or at junctions.  
Simple to install and operate.



#### Key Features

- Can be used at junctions or as stand-alone
- Separate traffic and pedestrian signals
- Same height pedestrian signals as permanents, fixed or folding posts
- Standard height portable traffic signals
- Simple site set-up and installation
- 12v batteries capable of providing up to 10 - 12 days running time



#### Approvals

- Highways Agency Approval TR 2503
- Highways Agency Approval TR 2537
- Highways Agency Approval TR 2538

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A supplier of TOPAS registered products

#### Typical Pedestrian Portable Layout Diagrams

View more diagrams at  
[www.srl.co.uk/pages/portable](http://www.srl.co.uk/pages/portable)



## New Eurolight Traffic & Pedestrian



**Multiphase Adaptive Detection System (ADS)** - Page 15



#### Key Features

##### Adjustable minimum green time

- 7 seconds or 12 seconds

##### Adjustable gap time

- Between 3 & 5 seconds

##### Pre-programmable start-up & shut-down mode

- All red
- Flashing amber
- All off

##### Green time extension

- Automatic, adjustable
- Maximum green time
- Automatically reduced green time where no demand (legislation since 1991)
- Detector nudge on/off program
- Weekday / weekend programs
- Pre-programmable automatic shut-off and restart

##### Full UTMCT connectivity

- Dedicated UTMCT on-site commissioning engineers

##### Security options

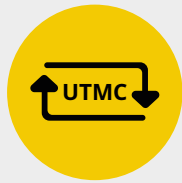
- T bar locks
- Wrap around locks
- Box locks

##### Smart tracker

Available with contract hire -  
Subscription required

- Remote monitoring of signals
- Remote monitoring of battery voltage
- Geofencing facility





# UTMC

The SRL Portable Urban Traffic Management & Control (UTMC) Device allows Local Authorities to Remotely Control systems from the In-Station.

This allows the Local Authority to control the Stage Movements of a Portable Installation within a network of nearby Permanent Systems for coordination.

In addition to controlling the System, the UTMC Device enables an immediate alert to be sent to the In-Station in the event of an interruption.

The Chameleon OTU (Out-Station Transmission Unit) is an established product in the market, used commonly by Local Authorities throughout the UK.

SRL can offer a team of experienced UTMC Commissioning Engineers to set up the system on site on the TM provider's behalf.



**Multiphase Adaptive Detection System (ADS)** - Page 15



## Unrivalled UK Coverage & 24/7 Support

We can liaise directly with the Local Authority to configure the System, complete a Site Acceptance Test (SAT), and offer 24/7 Technical Support. With the UK and Ireland's largest network of 30+ depots for fast delivery and support.



## UTMC



### Key Features

- Stage control and system monitoring for the local authority
- Chameleon OTU Device
- #DSL fixed line - 3G/4G router communication
- UTMC29 / UTMC Type 2 (UG405) Compliant
- Schedules, timetables & CLF plans can be loaded for offline / local fix-time plan control
- Real time clock synchronised by in-station or other NTP server
- Timing increments in 1s intervals
- Minimum green 7s
- Minimum intergreen 6s
- Configurable UTMC demand dependant phases / stages
- 7 real independent phase / stage and all red stage confirm
- Multiple number of signals per phase







# Multiphase Adaptive Detection System (ADS)

## Reactive, intelligent traffic light technology

SRL's Adaptive Detection System makes automatic adjustments of green times easy, by using deep learning algorithms to interpret the data received from our new high accuracy radar detector (traffic volume and speed).



## Reduce delays

During a site test - within 20-30 minutes of swapping correctly timed SRL traffic lights (with a back up of traffic up to 100-130+ metres) with our Adaptive Detection System the queues on each approach were cleared.



## The first and only ever 4-Way Multiphase System



## Adaptive Detection System With Advanced Radar Detection

The Adaptive Detection System is incredibly easy to set up. Once the system is set up it begins to optimise max set timings, adding time to each approach when it has reached its saturation point. The system also allows for HGV start lag (HGVs slow off the mark) allowing extra time to get moving and clear the site. Once the system has seen morning peak and evening peak the system is fully optimised, however still has the ability to make dynamic changes when required.

The Adaptive Detection System is also compatible with a wide range of products, including all portable, UTM, temporary and haul route crossing systems.



## Key Features

- Rapid installation (only basic timings required)
- No site visits to make timing alterations
- False start rectification (no stuck reds from vehicles failing to move first time)
- Adapts to present traffic conditions
- Can be used up to 4-way control

## Over 50% reduction in congestion with our Adaptive Detection System



# Smart Tracker



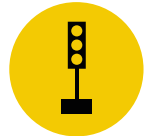
Track the location, status, and battery life of your signals live on-site using GPS technology.

Available with contract hire only



## Key Features

- Asset security tracking by fleet number
- Real-time location of asset
- GEO-fencing facility
- Anti-theft alarm facility
- Battery voltage display
- Enables you to plan your battery exchanges
- Alarm for voltage drop
- Battery theft alarm
- LED status monitor
- Enables you to login, status light indicates if signals are on red or green
- Never get called to a false alarm again
- Available with long term contract hire
- Requires subscription



# Portable Products



## TM Trailer



### Multiphase Adaptive Detection System (ADS) - Page 15

Everything you need to set up a 2-way traffic management system on a single carriageway road with a speed limit of up to 60 mph

A fully kitted-out trailer based upon our SLG portable 2-way Compact system, but which also includes all the necessary traffic signs and cones. Available for contract hire.

The trailer is fitted with lights and rear facing beacons (to be switched on as required) and Chapter 8 compliant chevron markings.



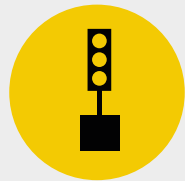
## Key Features

- 1 x 2-way compact set inc. 2 spare batteries
- 2 x MAW signs 400 yds (with blank plates)
- 2 x TSA signs
- 2 x RN 200 yds signs
- 2 x RN SFT signs
- 2 x MAW END signs
- 2 x WRLSWH signs
- 3 x BLUE ARROW signs
- 30 x 750 mm CONES

The gross weight of the trailer is 1,150 kgs.

Hire agreements for this package must be based on a 12 month contract.





# Temporary Products

Temporary traffic lights replicate the appearance of permanent signals for a more commanding semi-permanent appearance. Both the traffic and pedestrian signals are the same height as permanents. Tailor-made and assembled on site by SRL technicians.

Can be used at junctions, stand-alone and haul route crossings.



**Multiphase Adaptive Detection System (ADS)** - Page 15



**Full colour LED technology**

12v batteries or mains power.



**Unrivalled UK Coverage & 24/7 Support**

With the UK and Ireland's largest network of 30+ depots for fast delivery and support.



## Temporary Traffic and Pedestrian

This versatile product is used for a range of traffic flow situations including pedestrian crossing facilities and junctions.



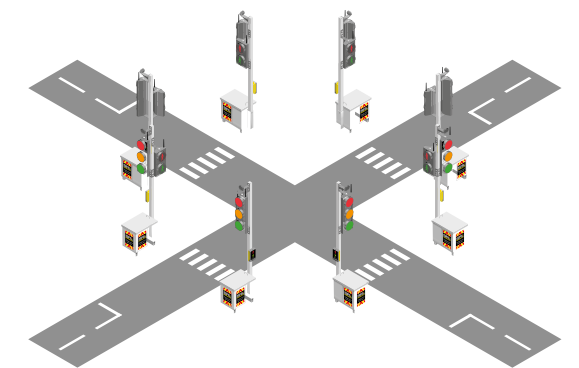
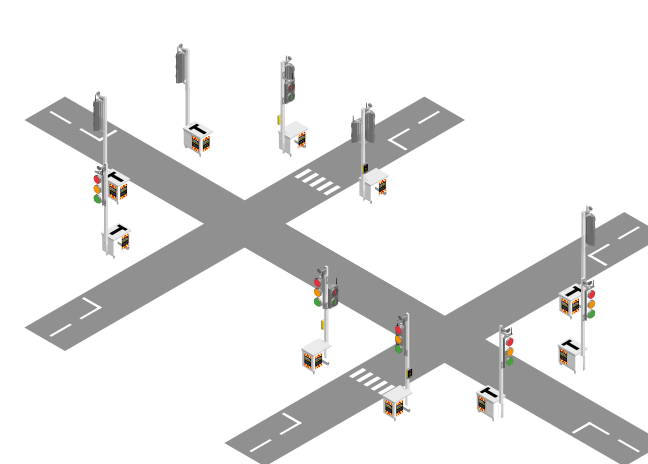
### Key Features

- Can be used at junctions or as stand-alone
- Replicates the appearance of permanent signals for a more commanding semi-permanent appearance
- Traffic and pedestrian signals can be on the same post
- Both the traffic and pedestrian signals are the same height as permanents
- Tailor-made and assembled on site by SRL technicians
- 12v batteries capable of providing up to 14 days running time

**TOPAS**  
A supplier of TOPAS registered products

### Typical Temporary Road Layout Diagrams

View more diagrams at: [www.srl.co.uk/pages/temporary](http://www.srl.co.uk/pages/temporary)





# Haul Route Crossing Systems



At major road works across the UK the team at SRL Traffic Systems provide haul route crossing systems for the safe, cost effective crossing of heavy plant across public highways.



**Multiphase Adaptive Detection System (ADS)** - Page 15



## Freely-configurable programme

The system is simple to configure, radio-linked and capable of up to 8 phases, complete with on/off timer programmable functionality including automatic on/off programme.



## Part time signals

Capable of being set as part time signals allowing your operator to configure the signals to switch off and then back on at pre-set times as appropriate (up to 4 times a day).



## Day-night/weekend programs

Provides the flexibility to set up to 6 different max times for each phase for the demands at different times of day.



## Remote monitoring

A remote monitoring facility allows you to see the status of the signals (red or green) from your PC or phone. You can also monitor the battery voltage.



## CCTV

If required, there is the option of having CCTV mounted on the system.



## Perfect for large developments

The system is specially designed to work well in large workplace developments such as the HS2 development.



## Main Drag Priority

The system can be set to have the main drag on permanent green until a VA is activated on a side road. This is with ELC or EM.



## Longer life

The systems batteries can last 14 days due to them having 6 in each box.



## Handset control

The system can be remotely controlled using a handset by an on-site operative being able to control the system from a safe distance away from the crossings.



## Variable Signal Head heights

The systems heads can be set at different heights to accommodate different vehicles.





# Smart Signs

The full colour matrix signs offer the choice and flexibility of using any colour in the spectrum in addition to standard amber.

The colour matrix signs are used to support traffic management on major roads improvement schemes, urban street works, school zones, road safety campaigns and anywhere that speed enforcement is required, as well as for event management and brand advertising. The Smart Signs are versatile, easy to set up and operate and highly reliable under all conditions.

**The Only Mobile VMS Designed & Manufactured Purposely For The UK**



## Smart Portable Messenger

Primarily used on roads where speeds are less than 60mph, ideal for use on live sites and closures.



### Key Features

- Fully portable
- Simple to use and set up
- Real time information for road users
- Increased safety for road works and road users
- Speed detection and display
- Speed activation
- GPS security tracking
- Up to 7 day running time
- Freely programmable by the user or SRL
- In built data collection radar



### Easy To Update

Connect to your existing UTM system or Zephyr, adjust using SWARCO's simple to use interface.



### Unrivalled UK Coverage & 24/7 Support

With the UK and Ireland's largest network of 30+ depots for fast delivery and support.



### Highways Agency Approval

CE Certified to EN 12966 and approved to TOPAS 2516C; trailers IVA tested.





## Smart Signs

### Smart Messenger

Smart Messenger has a compact footprint designed for inner city and urban works as well as a screen size enabling use for any single carriageway roads and dual carriageways with speed zones up to 50 mph.



#### Key Features

- Live journey time functionality, up to 2 routes per sign, display automatically updated
- Sign management from your existing UTM system or Zephyr – SWARCO's hosted sign management system
- Radar speed activation built in
- Full colour, full matrix sign – any symbol, any colour
- Display in upper or lower-case text in any colour
- Trailers under 750kg
- Exceeds all standards for highway deployment
- Nationwide field support
- Electric powered height adjustment with 360° sign rotation
- Telescopic jacks for easy levelling
- DVSA type approved trailers
- In built data collection radar
- Up to 14 day running time



#### Approvals

- CE Certified to EN 12966
- Approved to TOPAS 2516C



### Smart High Speed Messenger

Primarily used on roads where speeds are greater than 60 mph, but can be used on lesser speed roads if required.



#### Key Features

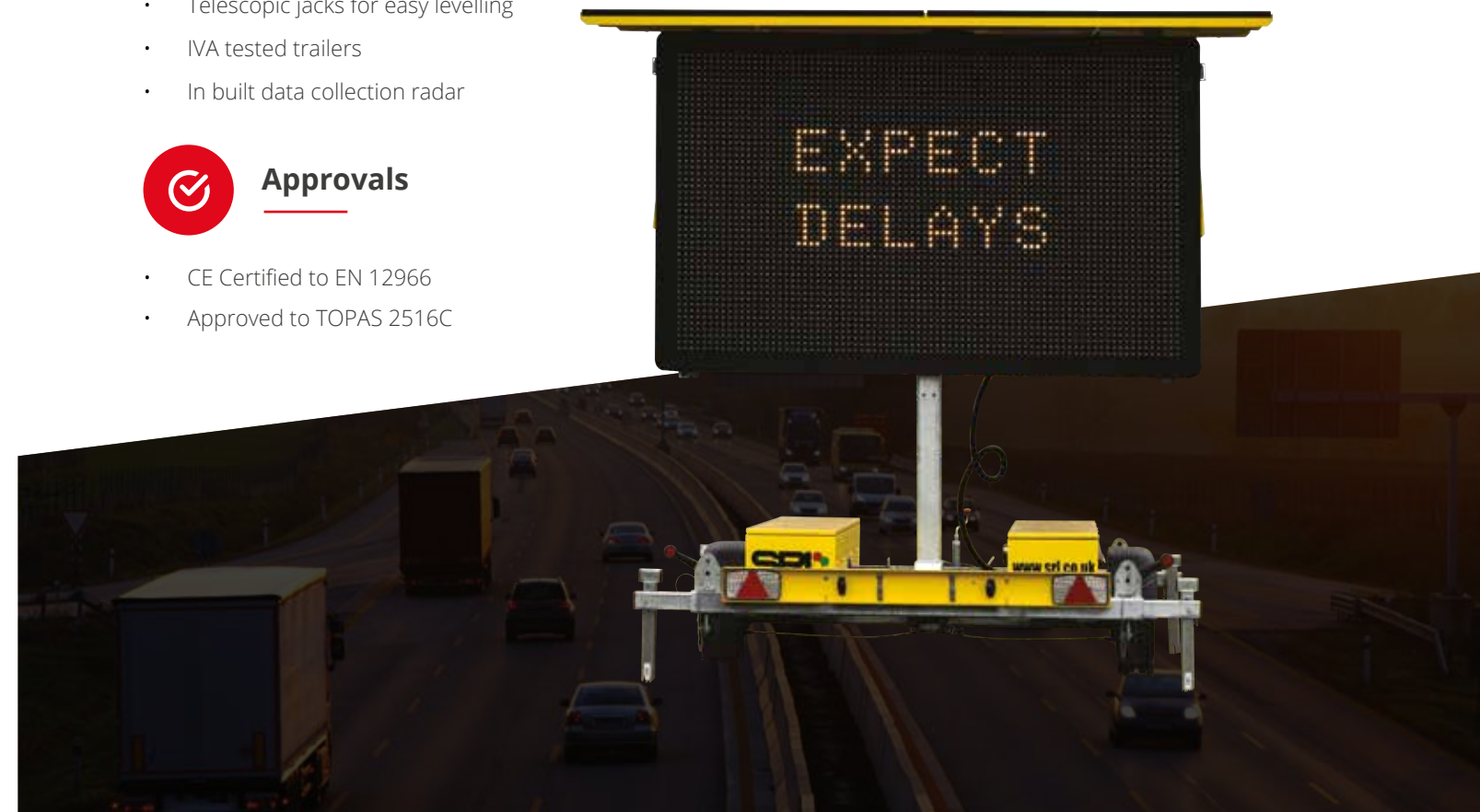
- Live journey time functionality, up to 2 routes per sign, display automatically updated
- Sign management from your existing UTM system or Zephyr – SWARCO's hosted sign management system.
- Electric powered height adjustment with 360° sign rotation
- Full colour, full matrix sign – any symbol, any colour
- Display in upper or lower-case text in any colour
- Trailers under 1400kg
- Exceeds all standards for highway deployment
- Radar speed activation built in
- Nationwide field support
- Telescopic jacks for easy levelling
- IVA tested trailers
- In built data collection radar

**Any required battery exchanges will be carried out by SRL**



#### Approvals

- CE Certified to EN 12966
- Approved to TOPAS 2516C







# Instaboom

Instaboom, the UK's first solar/hybrid, instant deployment, work zone protection vehicle barrier.

Working in partnership with Solar Gates UK, the award-winning manufacturer of solar and hybrid powered barriers, gates and bollards for security.

Many of our traffic management customers have the constant challenge of ensuring safety for their teams on the road. Instaboom provides constant security whilst at the same time reducing the pressure on manpower.

**The Instaboom barrier is fully HSE compliant, UKCA marked and completely mobile, with remote telematics as standard, so perfect for use on highways and SMART motorway projects.**



## Instaboom Solar Work Zone Protection Vehicle Barrier

Primarily used on roads where speeds are greater than 60 mph, but can be used on lesser speed roads if required.



### Key Features

- Rapid install – can be deployed by one person in seconds
- Closures – instant road closure for construction, highways and GS6 over height protection
- Simple – 800m radio fob and quick collapse boom
- Reliable – solar powered up to 150 times a day/night
- Hybrid – up to 3 weeks without exchange during summer months and 2 weeks during the winter



### Upgrades

- Key code, swipe or GSM access
- Overhead protection
- Solar (<150 opens per day)
- Mains top up
- Compact, 85x55cm rolling chassis
- Integration with SRL EM traffic light systems for barrier control by the temporary signals



### Unrivalled UK Coverage & 24/7 Support

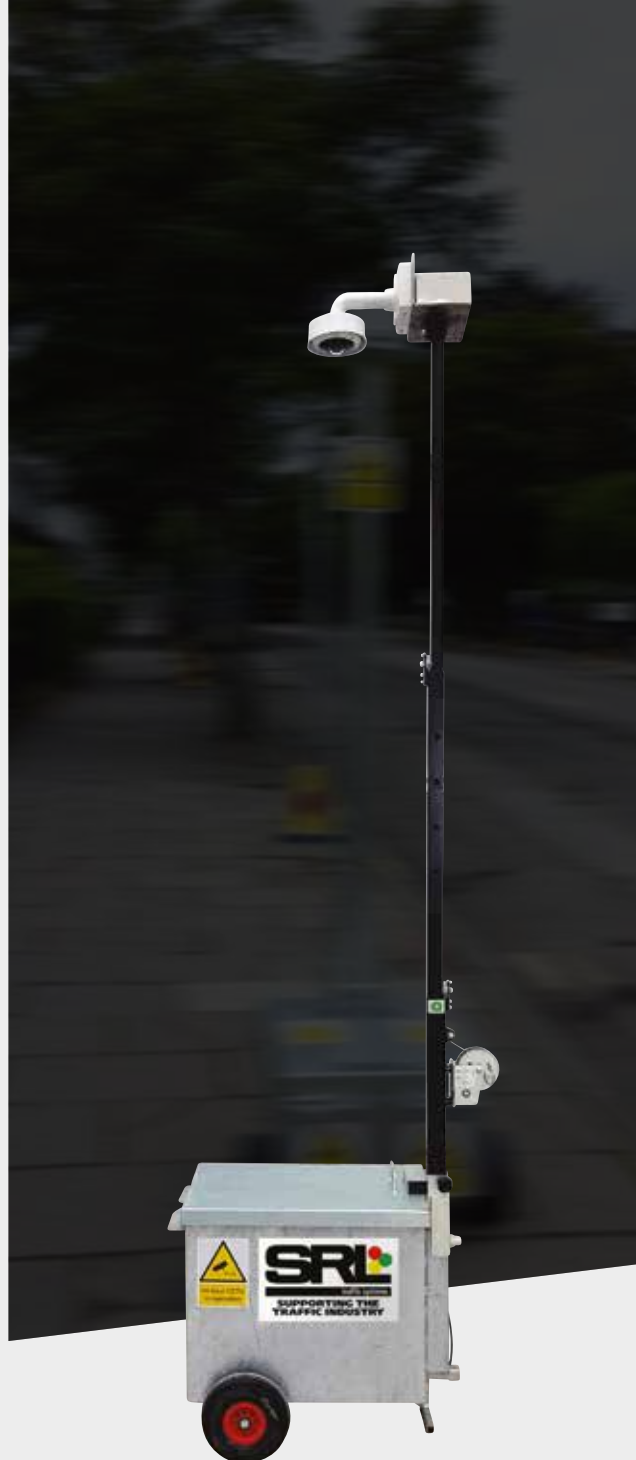
With the UK and Ireland's largest network of 30+ depots for fast delivery and support.





# CCTV Products

Offering great performance in any light or no light at all, the SRL 360 Monitoring Portable CCTV is easy to deploy and delivers a complete 360° overview around the clock. Multiple portable cameras can be configured to create a single, scalable system.



## Unrivalled UK Coverage & 24/7 Support

With the UK and Ireland's largest network of 30+ depots for fast delivery and support.



## Highways Agency Approval

EN55032:2012+AC:2013 Class A, EN55024:2010+A1:2015, EN61000-6-1:2007, EN61000-6-2:2005, EN50121-4:2015, EN60950-22:2017, EN62368-1:2014+AC:2017, EN50581:2012



## Portable and Temporary CCTV



### Key Features

#### Secure remote access

- Access SRL portable cameras in remote locations via smartphone or PC using 4G connectivity
- Secure communication using multiple levels of authentication to establish encrypted communication between a client and the cameras

#### Guard suit analytics

- Enhance security on your premises or site
- Improve responsiveness with motion, intrusion and loitering detection functionality
- Intelligent algorithms and filters help reduce false alarms

#### Zipstream technology

- Reduced bandwidth and storage without compromising on detail

#### Health monitoring

- Health monitoring continuously relays system status information to SRL's technical team, ensuring your system always runs at optimum efficiency

#### Useful features

- Rapidly Deployable
- 30 day continuous recording
- Guaranteed 7 day battery life if SRL manage your exchanges
- Scalable solution enabling multiple portable cameras to be viewed on the same system
- 2tb industrial grade SSD hard drive
- 12 MP dome with 360° panoramic view in all light conditions
- IK10 rating for protection against vandalism



### Key Uses

- Events
- Site security
- Personnel security
- Road closure points
- Traffic monitoring



Portable CCTV

Temporary CCTV







# CoverMe

Switching from permanent to temporary traffic lights, so that roadworks can be undertaken, can be time consuming, expensive and involve several journeys to and from site, increasing carbon emissions.

CoverMe Signal Bags from SRL have revolutionised the process making it significantly more efficient, cost effective and environmentally friendly.



## CoverMe Signal Bags The Smarter Way to switch

Made from PVC, our CoverMe Signal Bags are manufactured to a patented design that allows a solid top cover to open out and attach to the traffic signal head 6m above ground level using an extension pole and secured using bungee cords.

Visually striking, CoverMe Signal Bags make it clear to road users that permanent lights are no longer in use and have been designed in full compliance with the Chapter Six requirements. What's more they can be deployed from the ground by SRL personnel already on site, removing the need for a separate signal engineer to attend and reducing the potential for costly delays.



### Key Features

Our unique traffic light installation and switching service using CoverMe Signal Bags offers tangible benefits for traffic management companies and local authorities:



### Improved Safety

No need for work at height



### Reduced Carbon Emissions

Fewer visits to site needed



### Reduced Costs

SRL service approximately 50% cheaper than separately arranged decommissioning service



### Full Compliance

With Chapter Six traffic control/associated equipment requirements



### Visual Inspection

Permanent signals inspected as they are turned off and turned back on



### Reduces Delays

No need to wait for signal engineer to decommission permanent lights



### Unrivalled UK Coverage & 24/7 Support

With the UK and Ireland's largest network of 30+ depots for fast delivery and support.







# Switching Service

Switching from permanent to temporary traffic lights, so that roadworks can be undertaken, can be time consuming, expensive and involve several journeys to and from site, increasing carbon emissions.

SRL's unique Switching Service, with option to use CoverMe Signal Bags, has revolutionised the process making it significantly more efficient, cost effective and environmentally friendly.



## Unrivalled UK Coverage & 24/7 Support

With the UK and Ireland's largest network of 30+ depots for fast delivery and support.



## About SRL's Switching Service

SRL site personnel have been specifically trained for cabinet access to permanent lights and are therefore able to provide a switching service to decommission permanent lights while roadworks are undertaken and turn them back on once the project is complete.

They also perform a visual inspection before lights are turned off and again once they've been turned back on. This service eliminates the significant delays experienced waiting for a signal engineer to arrive.



### Key Features

SRL's Switching Service offers significant benefits for traffic management companies and local authorities including:



### Reduced Carbon Emissions

Fewer visits to site needed.



### Reduced Costs

SRL service approximately 50% cheaper than separately arranged decommissioning service.



### Visual Inspection

Permanent signals inspected as they are turned off and turned back on.



### Full Compliance

With Chapter Six traffic control/associated equipment requirements.



### Reduce Delays

During a site test - within 20-30 minutes of swapping correctly timed SRL traffic lights (with a back up of traffic up to 100-130+meters) with our Adaptive Detection System both sides of the delays were gone.





Urban64®

# Urban64®

Brought to you by SRL Traffic Systems, the Urban64® intelligent temporary system is the first, and only, standalone temporary traffic light solution to feature permanent technology, enabling site bespoke layouts for the safe flow of vehicles, cyclists and pedestrian traffic during construction phases.

Urban64® is also the only intelligent temporary system to use MOVA (Microprocessor Optimised Vehicle Actuation), a sophisticated traffic control strategy, specifically designed to maximise operational efficiency of a junction.

Urban64® can replicate preceding permanent systems but because cabling is overhead it can be implemented quickly and safely whilst permanent equipment is removed. It delivers cost certainty, promoting traffic efficiency and safety, and the flexibility to adjust layouts in line with the project development.



## Why choose Urban64®?

Urban64® is a flexible, cost effective solution which adapts aligned with your projects.

- ✓ **Potential reduction in timescale**  
(compared to traditional Poles-In-Barrels approach)
- ✓ **No cabling through ducting required**,  
all cables run overhead a minimum of 6.5m above  
carriageway, away from ongoing works
- ✓ **No maintenance of the existing permanent  
signals** whilst under refurbishment. All permanent  
infrastructure (cables, poles, signals, loops) can be  
removed from site
- ✓ **Improved site safety** as no working around live  
cabling at low-level
- ✓ **Replication of the method of control of  
permanent signals**, or a more suitable bespoke  
configuration to suit the ongoing works
- ✓ **No batteries to change** - secure 48v cabling and  
data cabling derived from mains feed
- ✓ Ability to **adjust layouts within a short time**  
as schemes change throughout their construction  
stages

## Approvals

- Highways Agency Approval TR2500A

**TOPAS**  
A supplier of TOPAS registered products



## UTMC Connectivity

Full integration with UTMC is now available.



## Unrivalled UK Coverage & 24/7 Support

With the UK and Ireland's largest network of 30+ depots for fast delivery and support.



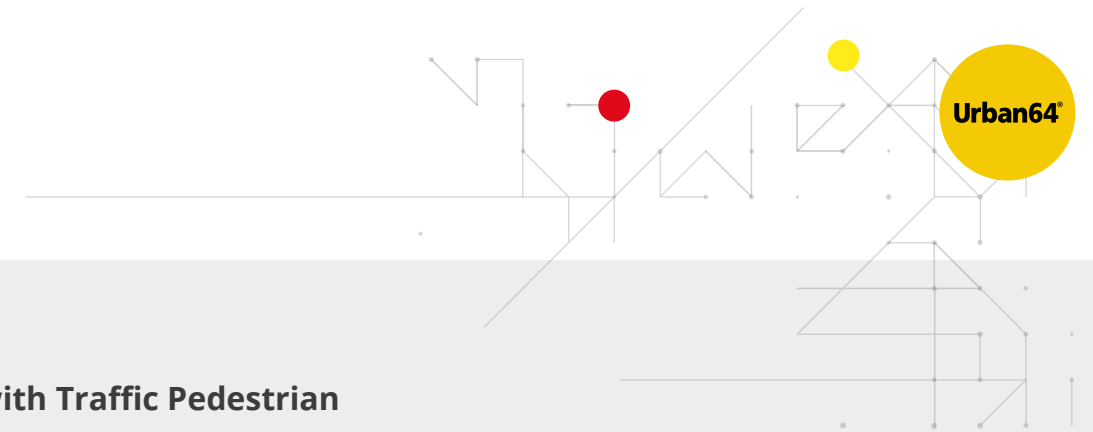
## SRL Support

From initial concept to completion, offering bespoke layout designs to suit the temporary works including; full installation, maintenance, decommissioning, inspections and site visits





# Key features & benefits



## UTC / UTMCI Connectivity

UTMC helps coordinate the system with nearby permanent sites, with remote monitoring.



## MOVA Capability and Licensed

The dynamic strategy for adapting green times for unpredictable and heavy traffic flows.



## Overhead Cabling

Taller posts than traditional and portable traffic lights (minimum 6.5m above the carriageway) gives high usability and promotes safety and efficiency and is suitable for high-speed motorway junctions.



## Up to 64 Signals

Urban64® can incorporate up to 64 sets of traffic lights in comparison with circa 20-39 in more traditional portable solutions, making it suitable for very large projects.



## Remote Monitoring

Remote monitoring and control via a 4G router, directly interfacing with the controller LCD display.



## Conditional Phase Appearance

Enabling split phase, early start, early cut-off and conditional appearance concepts to maximise the junction efficiency and flow.



## Walk with Traffic Pedestrian

Enables traffic and pedestrian movements to operate simultaneously where possible, providing maximum junction efficiency and safe operation.



## Four Streams Per Controller

Enables up to four traffic streams to be simultaneously controlled via a single master controller for superior efficiency on more complex sites.



## Secure 48v cabling and Data Cabling

With no batteries, Urban64® avoids the risk of battery failure and battery changes, promoting low maintenance and efficient operation.



## Indicative Filter Phases

4-in-line or 5-in-line signal options where required.



## Programmable Timetable of Max Sets and Plans

Enabling changeable timings for AM peak, PM peak, Off-peak etc for optimum performance.



## Cyclist Phases

Enabling the use of low-level cycle signals.







## Urban 64 Accessories



### CCTV

- Pan-tilt function: pan range of 354°, tilt angle 125°
- Maximum resolution 640x480 pixels, special model 1280x1024 pixels available
- 10x digital zoom
- Transmission of pictures by email or FTP



### Pedestrian Countdown Timer

- A countdown timer is available alongside the Green Man aspect
- Research shows such a timer increases pedestrians understanding of Pelican crossings and therefore their safety



### Cyclists "Head-start"

- Small red/amber/green cycle signal
- Mounted at a lower height for easy cyclist visibility
- Aimed to give cyclists a head start before vehicles in order to increase cyclists safety in difficult conditions



### Box Signs

- 300x300mm regulatory box signs available as a 4th aspect beneath the green LED. Options including: No right turn, no u turn, ahead only, turn left, turn right
- Secret signs can be programmed to illuminate for set periods TrafiCam Intelligent



### Video Detector

- Used to separate filter lanes. Direct visual verification of presence zones: Allows exact positioning and verification of the vehicle presence detection zones. Since these zones are displayed on a video image, they are easily repositioned to make allowances for changing traffic situations.



## Urban 64 Installation

Urban64®



Day and night installation 24/7



6-12 operative team per site for efficient installation. Trucks, MEWP, telehandler and welfare unit included



Two cable technology (48 ELV and 4-core data) from the controller, in a 'daisy-chain' arrangement



700kg, 800x800mm bespoke concrete block bases are the foundation for 7m poles (larger 1000kg, 1000x1000mm bases also available if required)



Cabling is at least 6.5m above the carriageway giving suitable clearance for all normal vehicle types 48 ELV is reduced to 12v traffic signals and detection



No accessible cables below 2.5m height



Traffic signals and foundation blocks are transferred from the 'build area' to each location using our telehandler



SRL's MEWP is used to connect the cabling from signal to signal at 7m height in a plug-and-play format and installed to a pre-determined layout



There's nothing like Urban64® out there on the market. It is the only temporary system that has intelligent technology to allow for efficient phasing of traffic and pedestrian systems. This makes junctions flow better, eases road user frustration and reduces complaints.

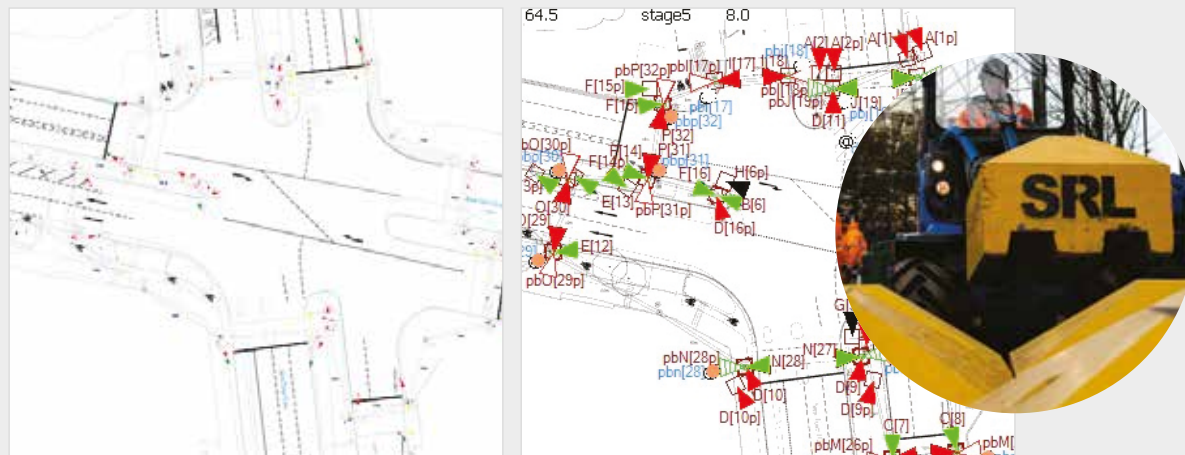
Like every product in SRL's extensive range, Urban64® is robust and user-friendly and is backed by high levels of customer and technical support.

**Ross Simpson**

Contracts Manager at Highway Traffic Management



# From Concept to Completion



## The Smart Choice

SRL have the UK's largest hire fleet of portable and temporary traffic lights and pedestrian signals, and more recently a comprehensive range of VMS signs, CCTV and security barriers.



**Portable Traffic Signals & Pedestrian Systems**



**INSTABOOM**  
- site security



**Temporary Traffic Signals & Pedestrian Systems**



**CCTV - 360°**  
panoramic view



**Multiphase ADS**  
- intelligent congestion management



**Smart Tracker**

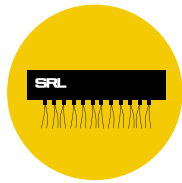


**A wide range of Smart Signs (VMS)**



**Haul Route Crossings**





# Accessory Products

As part of the SRL service and product offering we provide a range of accessories to further enhance your SRL experience.



## Remote Control

A hand-held remote control device that can be used by the operator up to 300m from the traffic lights.

Supplied as a bolt-on to Standard Radiolight®, Compact, and Rapid Response. In two parts: (1) a receiver box at the Master traffic light; (2) a hand-held transmitter.



### Key Features

- Full remote control facility
- Independent operation of individual signals
- Operates up to 300m from the signal
- Manual operation feature
- Operates up to 300m from the signal
- Full weather-proofing
- All-red feature
- Automatic operation feature



## Security

Available for sale and hire



### Key Features

#### T-Bar lock

- Included as standard with posts with traffic heads
- SRL can supply unique coded keys to customers on contract hire upon request

#### Claw lock and key

- Mainly supplied with posts with pedestrian heads but they can fit over T-Bar Locks on posts with traffic heads for extra security, and are available for hire on request

#### Secondary lock wrap around (with combination padlock)

- Supplied to fit around T-Bar Locks on traffic posts for extra security and available to hire on request

#### Yellow box locks (with padlock)

- Designed to fit on controller boxes for traffic and pedestrian and available to hire on request



Claw lock



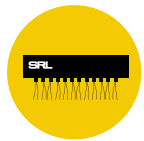
Yellow box lock - optional extra



Secondary lock wrap around - optional extra



T-Bar lock



## Accessories

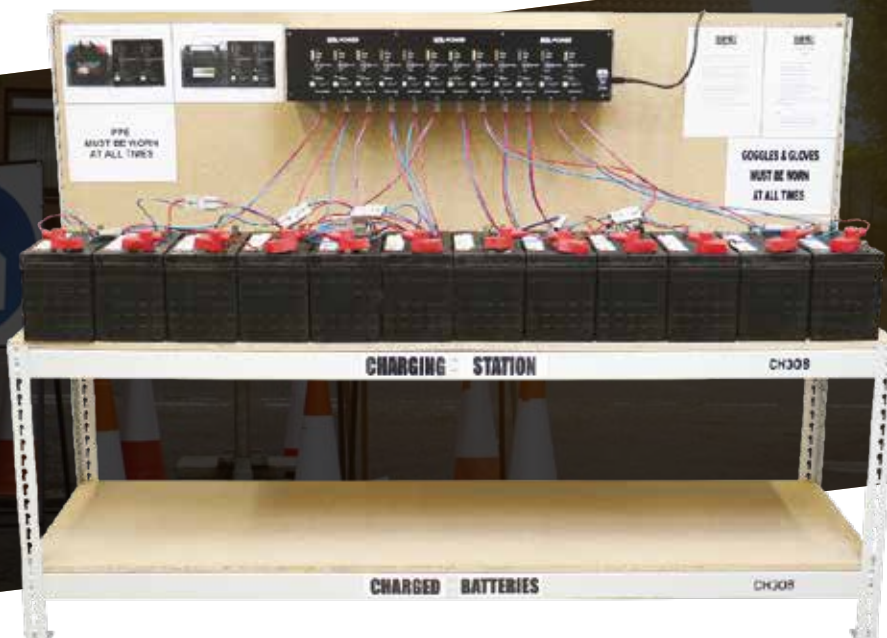
### Charging Station

A fast performance charging station installed by SRL at your depot. The SRL charging station is specifically designed to charge SRL batteries to achieve optimal performance and a long life.



#### Key Features

- Capable of charging 12 batteries independently per 12 hour cycle
- Additional spare batteries can be supplied
- Full set of PPE, consisting of apron, gauntlet gloves, goggles
- Charger internally fused
- 230v / 110v
- Capable of storing up to 24 batteries



### Trailers

SRL supply a full and comprehensive range of purpose built road trailers specifically designed for the SRL traffic light product range. Our trailers are designed to transport 2 to 8 signals

### 2-way Single Axle Trailer (750kg)



#### Key Features

- Unbraked
- Single axle
- Security bar and clamps
- Galvanised construction kerb weight of 195kg
- Laden weight of 500kg
- Extended back-door ramps
- Prop stands
- Jockey wheel
- Tow eye (ball hitch available on request)
- Transports up to 2 signals



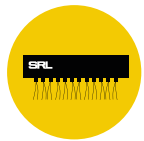
#### Dimensions

- L: 240cm (including drawbar)
- W: 190cm (including wheel arches)
- H: 175cm (to the top of the ramp)



All trailers are for use with our Standard size traffic lights





# Accessories



## 4-way Multiphase Trailer (1,150kg)



### Key Features

- Braked
- Twin axle
- 2 Security bars and clamps
- Galvanised construction kerb weight of 430kg
- Laden weight of 1039kg
- Extended back-door ramps prop stands
- Jockey wheel
- Tow eye (ball hitch available on request)
- Transports up to 4 signals



### Dimensions

- L: 325cm (including A frame)
- W: 204cm (including wheel arches)
- H: 175cm (to the top of the ramp)



## 6-way Multiphase Trailer (2,000kg)



### Key Features

- Braked
- Twin axle
- 3 Security bars and clamps
- Galvanised construction kerb weight of 520kg
- Laden weight of 1434kg
- Extended back-door ramps prop stands
- Jockey wheel
- Tow eye (ball hitch available on request)
- Transports up to 6 signals



### Dimensions

- L: 455cm (including A frame)
- W: 204cm (including wheel arches)
- H: 175cm (to the top of the ramp)



## 8-way Multiphase Trailer (2,000kg)



### Key Features

- Braked
- Twin axle
- 4 Security bars and clamps
- Galvanised construction kerb weight of 430kg
- Laden weight of 1070kg
- Extended back-door ramps prop stands
- Jockey wheel
- Tow eye (ball hitch available on request)
- Transports up to 8 signals



### Dimensions

- L: 500cm (including A frame)
- W: 204cm (including wheel arches)
- H: 185cm (to the top of the ramp)



## Compact Trailer (750kg)



### Key Features

- Unbraked
- Single axle
- 2 security bars and clamps
- Galvanised construction
- Kerb weight of 225kg
- Laden weight of 705kg
- Extended back
- Door ramps prop stands
- Jockey wheel



### Dimensions

- L: 240cm (including drawbar)
- W: 190cm (including wheel arches)
- H: 175cm (to the top of the ramp)



# SRL Depots



Depots across the  
UK & Ireland ready  
to support you.

## Urban64®

- 1 Exeter**  
Unit 20, Unit 9,  
Dunchideock Barton,  
Dunchideock, Devon, EX2 9UA  
**E** urban64@srl.co.uk  
**T** 01392 833555

**2 London**  
1 Langley Close,  
Romford, RM3 8XB  
**E** urban64@srl.co.uk  
**T** 01392 833555

**3 Middlewich**  
Unit 15, Road Five, Winsford Ind Est,  
Winsford, Cheshire, CW7 3SG  
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**4 Coventry**  
Unit 4, Henley Industrial  
Estate, Henley Road,  
Coventry, CV1 1ST  
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## Hire

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