HAZARD AND SAFETY
WARNING SOLUTIONS

30

SLOW
DOWN

SPEED WARNING SIGNS

SWARCO's range of Speed Warning Signs are designed for use in locations where speeding vehicles are an issue. Often they display a combination of pictograms and text to reinforce the message to motorists. Available as a speed limit roundel or speed indication sign.

Key Features

- A variety of power solutions available with SWARCO's patented low power LED system; choose from solar, mains or switched mains
- Automatic dimming to ambient light levels
- Also available as a moveable battery powered option
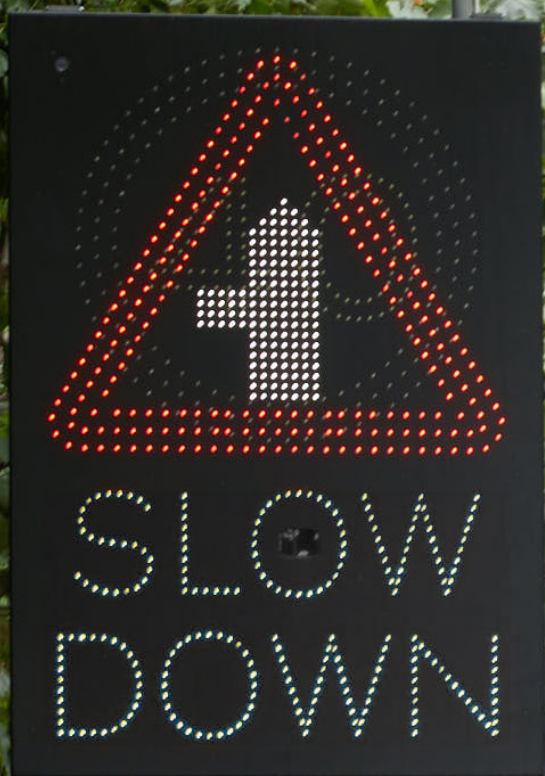- Data logging available using a local connection to analyse local traffic trends

Complete Solutions

- All built in to a single enclosure, even with a solar solution there are no external battery boxes, ensuring all components are situated in a single water resistant enclosure
- Install a number of signs on key routes or throughout neighbourhoods for specific campaigns
- Remote monitoring and data management available using SWARCO's sign management system, Zephyr.

Benefits

- Improving road safety and speed awareness
- Proven reliability with a 15 year design life
- TSRGD compliant, with bespoke designs available
- Designed and manufactured at our UK production facility
- On site service, maintenance agreements and extended warranties

HAZARD WARNING SIGNS

SWARCO's range of Hazard Warning Signs are ideally suited to mitigate hazards such as dangerous junctions and stationary vehicles, environmental conditions, pedestrians and schools.

Key Features

- Expert design capabilities providing the solution for any situation. Recent major implementations include;
  - Queue warning
  - Turning Traffic
  - Pedestrian in road
  - Hazardous bend
  - Adverse Camber
  - Flooding
  - High Wind
  - Ice / Snow
  - Schools

These are capable of interfacing to UTMC central systems too, we have a full solution to suit your needs

- Receive live information from your sign including the number of activations and a status report to ensure safety critical signs are always in optimum condition. All of which can be accessed remotely using SWARCO's Zephyr
- UTMC system integration

Benefits

- Improved safety on the roads by guiding the traveller on their journey
- Ability to inform drivers of disruptions ahead allowing drivers better informed decisions based on live travel conditions

SCHOOL WARNING SIGNS

Specially designed for the unique environment around schools our latest range of school signs can be configured to suit local requirements. Signs can be vehicle and timetable activated.

Key Features

- Easily timetable your signs to fit with local school hours and term times up to three years in advance
- Low power consumption, enabling solar power option
- A variety of designs available including temporary speed restrictions, the use of dual amber flashers or warning triangle and text
- Time synchronise multiple signs at the same location for maximum effect using network communications to minimise cost
- Ensure safety of vulnerable road users
- Remote monitoring including communication, power and sign status

OVERHEIGHT VEHICLE DETECTION

Costly bridge strikes can be avoided by alerting overheight vehicles on their approach. SWARCO's Overheight Vehicle Detection (OVD) systems are the ideal solution.

Key Features

• Infra-red detection beams at the most effective location
• Vehicle detection in carriageway to prevent spurious activations
• High speed radio link to warning signs
• TSRGD compliant fixed messages available
• Also available in full colour VMS to display any message or graphic required
• Choice of messages advising the driver on the action to take
• Applications include low bridges, arched bridges, tunnels, site infrastructure and car parks
• All activations and operational status monitored and recorded

Benefits

• Reduce the number of bridge strikes and reduce congestion and economic costs due to disruption of road and rail users
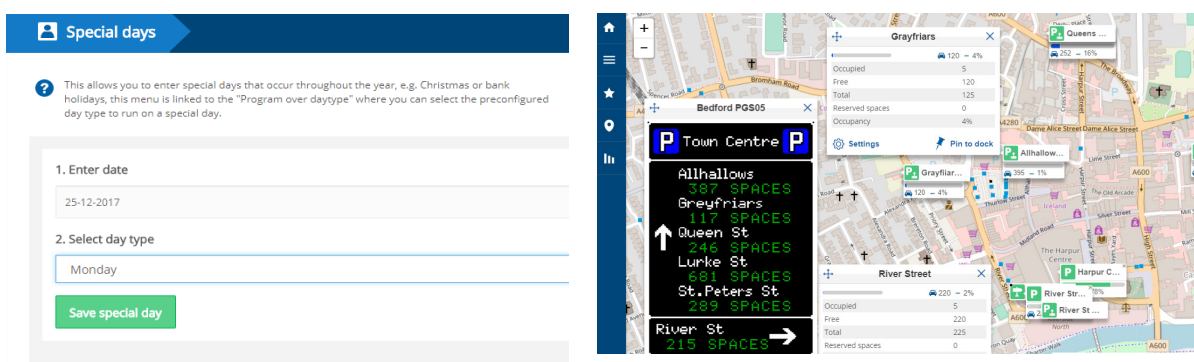• Enhanced safety for all travellers

SMART SIGNS
WITH ZEPHYR

ZEPHYR

Zephyr from SWARCO is the ultimate sign monitoring and management system. Zephyr provides a user friendly and powerful web based management tool designed especially for all our products including our Hazard and Warning Signs and Variable Message Signs.

Key Features

- Remotely monitor and view sign status including power levels, communication, LED monitoring, dimming levels and control methods
- Easy to use web-interace
- Location management via the map, as it pinpoints all assets
- Securely access anywhere via web browser such as Chrome, Edge or Firefox
- Enables data logging to monitor traffic trends such as traffic volumes, speeds and times to analyse the local traffic flow
- Setup email or SMS alerts
- Provides feedback on the effectiveness of warnings to reduce road speed to desired levels
- Manage sign timetables, special days or on/off times or set sleep modes
- Reduce the need for regular costly maintenance visits
- Wifi accesibility makes on-site maintenance easier

SWARCO is a growing international group providing a complete range of products, systems, services and solutions for road safety and intelligent traffic management.

Certification of SWARCO's hazard and safety warning signs include;

- CE Certified to EN12966
- TOPAS registered
- Produced and designed in the UK at an ISO Quality, Environmental and Health and Safety registered location

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