

# Overheight vehicle detection systems

## Product Description

The simple device integration capabilities of STREAMS Device IO provide traffic management centre (TMC) operators with the means to monitor and control a remote sensing and control device.

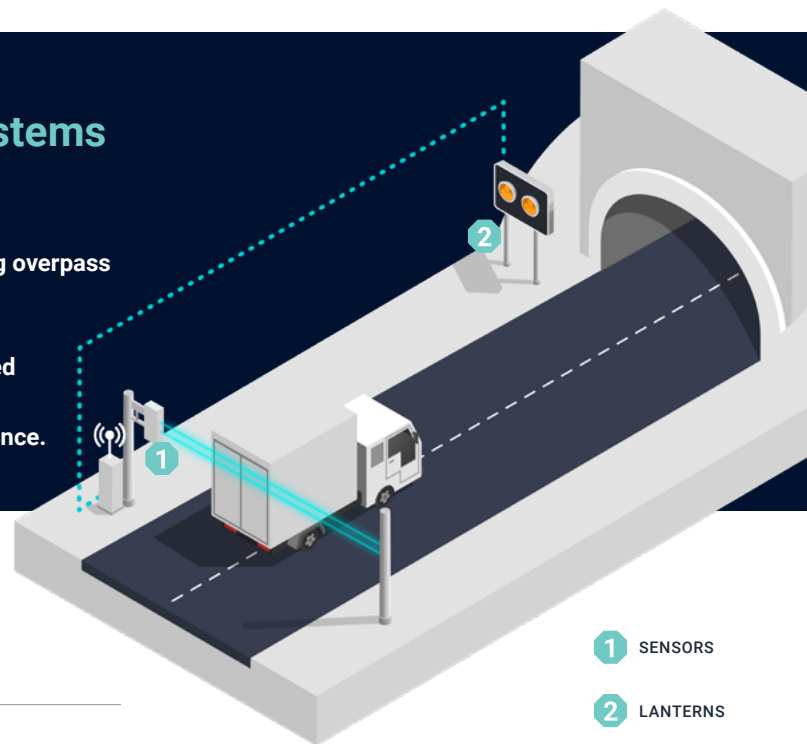
This information sheet describes the use of STREAMS Device IO in an overheight vehicle detection system scenario.

### SCENARIO

## Overheight vehicle detection systems

### OVERHEIGHT VEHICLE DETECTOR

- Sensor detects vehicle is too high for an approaching overpass
- Local logic provides signal to lanterns to illuminate
- Lanterns illuminate to provide warning to driver
- Traffic Management Centre (TMC) operator is notified via STREAMS that a detection has occurred
- STREAMS monitors and reports on system performance.



## Features

### Fully self-contained logic, power, isolation and IO

#### Two enclosure options

- IP65 Polynova enclosure for indoor or roadside cabinet installations
- Stainless steel wall or pole enclosure for remote applications

#### Barebones option for existing or client provided enclosures

#### Suitable in harsh environments

#### Fully adjustable flasher on timer settings via STREAMS override

#### 3G/4G Communications for remote applications Optional

#### Interface to STREAMS for monitoring and control providing:

- Alerts for operators via STREAMS GUI schematic, or Alarm Manager
- Access to STREAMS Strategy Manager and Response Plans to set CCTV pre-set or override a dynamic message sign (DMS) message with driver instructions
- Connects via Modbus TCP Protocol.

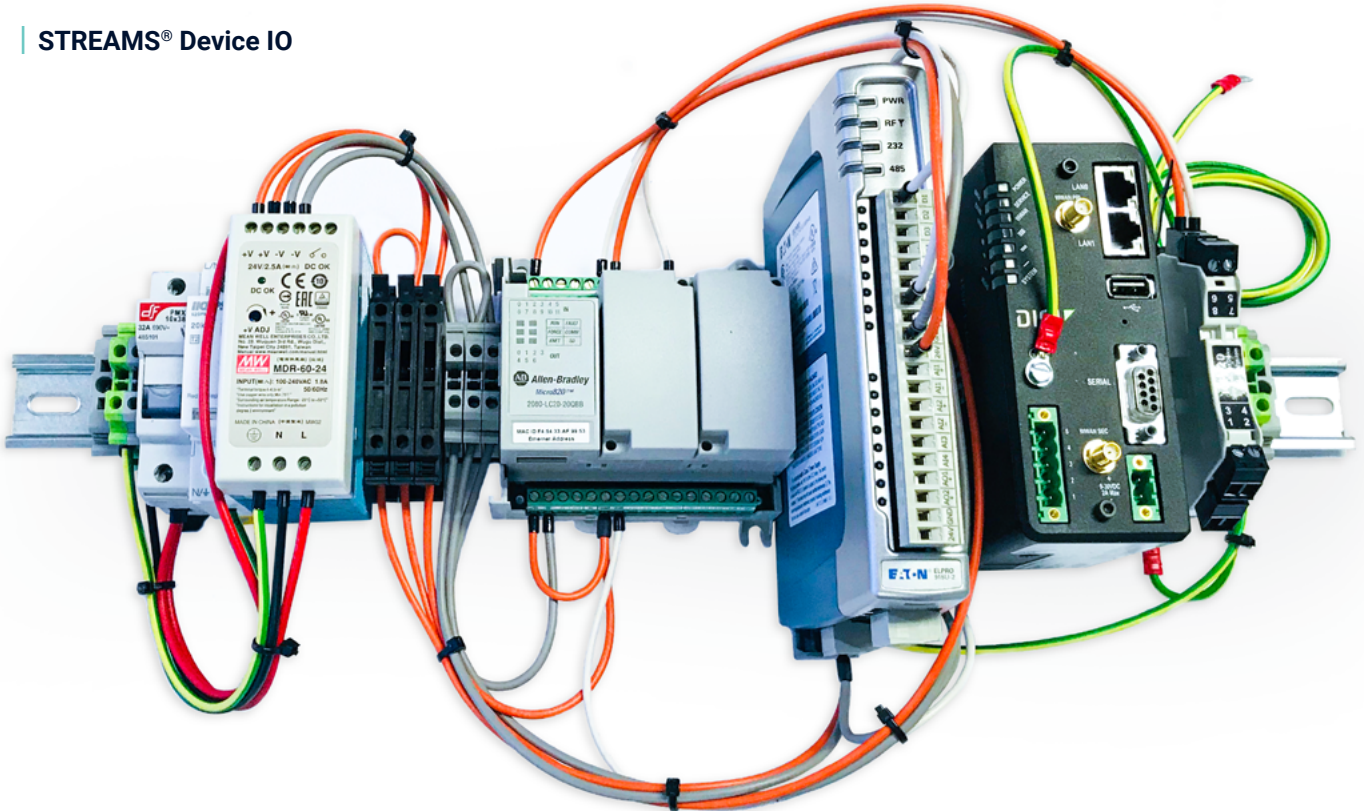
#### System capabilities

- Lamp operational current sensing
- Flexible warning timers
- Direction of travel detection
- Controllable with an override from STREAMS and locally
- Master DISABLE as an override from STREAMS and locally.

#### Suitable for various other digital and analogue inputs and outputs.

# Overheight vehicle detection systems

## STREAMS® Device IO



## Benefits

- Reduced operational costs by removing the need for costly custom software development for new drivers
- Enhanced safety on roads
- Ability to leverage existing features of STREAMS drivers
- Trend and reporting information useful for planning and maintenance.

## More information

For more information on other usage scenarios, please refer to the suite of STREAMS Device IO information sheets on the Transmax website.

For more detailed information on the product, including technical specifications, please refer to the [STREAMS Device IO product brochure](#) on the Transmax website.

## Contact us

Get in touch with Transmax to find out more about STREAMS Device IO or to place an order.

📞 07 3355 8700

✉ [varsales@transmax.com.au](mailto:varsales@transmax.com.au)

🌐 [www.transmax.com.au](http://www.transmax.com.au)

