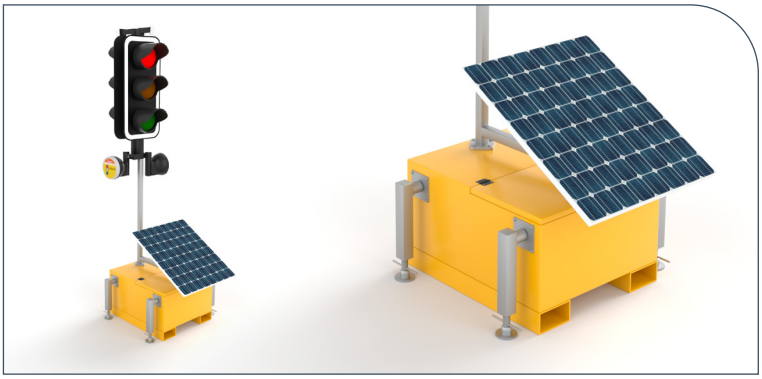
NISSEN LZA550-HR

HAUL ROUTE CROSSINGS

The Nissen LZA550-HR is a high-performance temporary traffic light system designed for demanding environments. Engineered for haul routes and busy public highways, it delivers intelligent control, improved safety, and minimal disruption while utilising the latest in solar technology to remove the need for battery changes.

Dedicated Crossing Mode
Purpose-built for standalone haul route crossings, ensuring safe and efficient vehicle movement where site traffic meets public roads.



NISSEN LZA550-HR

Usage Benefits

- **Safety**
  Dedicated Crossing Mode for safe management of haul route and public highway intersections.
- **Efficiency**
  Arterial Reversion keeps public highways flowing by defaulting signals to green when no demand is detected.
- **Automation**
  Built-in GPS timer enables fully programmable daily and weekly operation.
- **Control**
  Optional remote control provides safe operation from distances of up to 100 metres..
- **Sustainability**
  Fully solar-powered system reduces maintenance and eliminates routine battery changes.
- **Connectivity**
  Real-time monitoring via our tracker system for enhanced fleet visibility.
- **Compatibility**
  Fully integrates with the SentriGate barrier system for complete site access control.
- **Compliance**
  Manufactured to meet current UK traffic signal standards and regulations.
- **Reliability**
  Designed to perform in demanding construction sites and high-traffic environments.
- **Deployment**
  Robust, self-contained design for rapid installation and dependable operation.

	NISSEN LZA550-HR
Primary Application	Haul Routes & Public Highway Crossings
Operating Mode	Dedicated Crossing Mode
Traffic Management	Arterial Reversion
Timer	Integrated GPS Programmable Timer
Scheduling	Daily & Weekly Automatic Activation
Remote Control	Optional
Remote Range	Up to 100m
Power Supply	4 × 12V AGM Batteries with Integrated Solar Charging
Solar System	Fully Solar Powered
Tracking	Real-Time Remote Tracker System
Barrier Integration	Compatible with SentriGate Barrier System
Standards	TSRGD 2016 Diagram 3000
Compliance	BS EN 50556, BS EN 12368
Unit Weight	480kg (including batteries)
Dimensions	750 x 900mm (Battery Box)