

Portable Traffic Signals

a joint initiative of



AEI have been manufacturing Portable Signals since 1992 and over that time have provided in excess of 200 PTS Units. AEI is a Sydney based company with a Brisbane office based at Seventeen Mile Rocks. This office is shared with Excel Technology Co. Excel and AEI are owned by the same shareholders and have a combined total of over 80 years' experience in the Traffic Industry in Australia.

- Remote Reporting
- Wireless Remote
- Multiple Slaves
- 14-day battery operation
- 24-hour battery charge
- Type-Approved



The new design PTC1000 Trailer Mounted Portable Signals combine a smaller footprint for sites with limited access and ease of towing and positioning. This design incorporates a standard type-approved Master/Slave controller with additional features including GPS positioning and remote error reporting. The unit is manufactured in Australia in an ISO9001 certified manufacturing facility and combines innovative technology, high quality production, improved efficiency and custom design opportunities, with AEI and Excel's reputation for reliable and cost-effective market solutions.

Operational Specification

Lantern Specification

Lanterns	200/300mm LED Lanterns to AS2144, Type Approved
Housings	Polycarbonate or Aluminium rated to IP35 LED displays housed in IP65
Standards	AS4191 and all regulatory changes AS1742 and relevant subsections MRTS254 Manual of Uniform Traffic Control Devices
Operating Voltage	12V



Controller

PTC-1000	Master and Slave Pair (or multiple Slaves)
Vehicle Detector	Yes, optional addition - AGD300 or equivalent
Wireless Remote	Optional (at additional cost)
Modem	3G
Remote Reporting	Yes
GPS Positioning	Yes

Trailer

Batteries	2 x 150AH T1275 12V (flooded cell or AGM glass mat)
Charger	2 x Powertech 30A Battery Charger - per signal
Solar Panel	1 x 145 watt - per signal
Solar Regulator	1 x 20A - per signal
Towing Speed	100 km/hr
Weight	700kg (Front: 360kg, Rear: 340kg)
Lifting System	Electronic or optional Hydraulic Lifting (at additional cost)
Tail / Brake Lights	Wired
Brake Coupling	Yes (Chains)
Forlift Points	Yes
Tie Down Points	Yes
Forklift Points	Yes
Spare Wheel/Tyre	Yes
Tow Coupling	Yes, removable 50mm (and spare for rear trailer)
Stabilisers	Wind-loading approved stabilisers



Warranty 2 years

Type Approvals Transport & Mainroads - Queensland (ITS & Elec. Equip. No. 17-01)
Roads and Maritime Service - New South Wales (No. 9305-PTS3AR1-0-1)
VicRoads - Victoria (Approved)

Contact Us +61 2 9540 9966

www.aldridge.com.au sales@aldridge.com.au