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.

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**

**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)
- **Forklift 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)

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