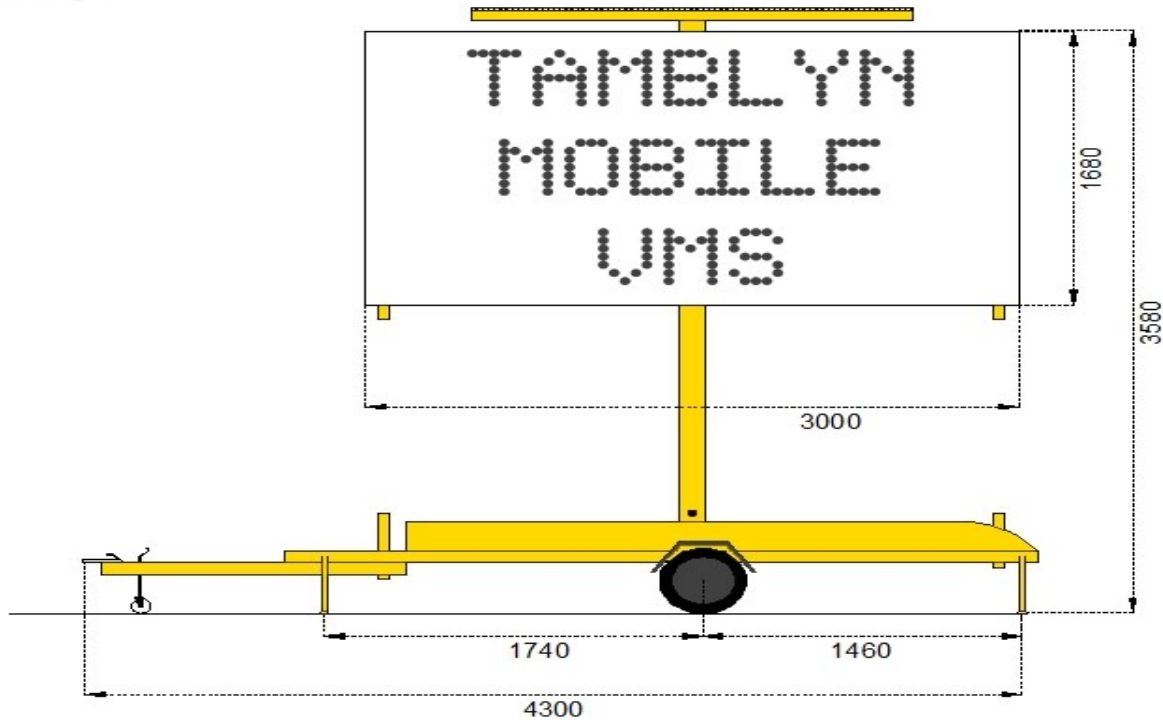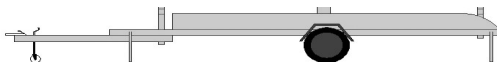# Mobile VMS Unit

Specifications

Trailer

- Colour – Yellow
- Vandal proof fittings
- Hydraulic mask
- Suspension designed to protect equipment during transport
- Coupler and surge brake system
- Jockey Wheel
- Four levelling jacks
- Removable tail gate board
- Indicators, brake lights and lights
- Two 15 inch wheels
- Transport stays
- Battery boxes

Controller chassis

- Controller is NTCIP compliant
- OTA upgradable
- Operators display

AC chassis

- Low power consumption
- Accessory plug

Inverter chassis

- Controls power to the sign between AC, batteries and solar

Modem chassis

- Modem
- GSM Antennae

Lamp Boards

- Over The Air (OTA) upgradable
- Conformal coated
- Machine assembled to achieve better consistency and higher reliability
- The boards are driven by a data cables and powered by the power supply system
- Very low power consumption, single string, high voltage (15VDC), high efficiency
- High quality fibreglass FR4 substrate
- Each lamp board has unique serial number, printed on board and logged in board memory
- Clear labels on board: Data In, Data Out, Power, Test
- Each board has a test button with a variety of test functions

Diagnostic capabilities

All the below readings can be stored in an SQL database and can be used to manage and maintain the components (assets) of the sign

From lamp boards:

- Pixel errors
- Serial number
- Position in the sign
- Firmware version
- Voltage

From the SCADA:

- Firmware version
- Voltage
- Temperature
- Battery box status
- Door status
- AC power status
- Surge protection status