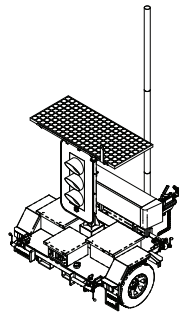


smartGATE

SMART CITY TRAFFIC LIGHT



ENHANCED SAFETY FOR ROAD USERS & YOUR TEAM



Mining



Construction



Events



Defense



Public works



Disaster

SmartGate is the latest evolution in traffic control technology. By combining our leading portable traffic light trailer with a boom gate, we created an advanced protective barrier that adapts to a myriad of infrastructure and pedestrian scenarios.

SMART

Control system allows for a variety of scenarios & schemes including :

- Up to 6 way grouping
- Shuttle / gate and manual operations
- Vehicle activated
- Fixed time with variable phasing
- Ability to turn off boom functionality as required.
- Local DVR to capture worksite incidents & worksite lighting.

CLEAN, GREEN & COMPLIANT

Units are solar powered and equipped with LED lantern technology, optimising both energy & cost efficiency. Lanterns are compliant with Australian Standard 4191, for use throughout the Australian Road Network.

CLEAR COMMUNICATION

RF Radio Link High Gain aerials link units over a long range with channel hopping & channel isolation to limit crosstalk.



SAFE

Get traffic controllers out of harm's way, removing them from the direct path of through-traffic by using automated boom gates to eliminate the need for hand-held stop/slow signs.

USER-FRIENDLY

Intuitive LCD touch-screen display for quick & easy on-site adjustment to traffic light & boom timing cycles, as well as on-site diagnostics.

EASY TRANSPORT

The dual-trailer system enables operators to double up, towing two SmartGate PTLs as one unit. Of course, users may also choose to tow one SmartGate PTL individually. Both single, or doubled up configurations require only a light vehicle for towing.

EASY DEPLOYMENT

Designed for single person deployment, these units are highly manoeuvrable and feature easy-lift electric raise/lower for lanterns, and secure, extendable outriggers.



ITS HOST offers unprecedented remote monitoring ability, allowing operators to take full advantage of smart features, pre-empt issues before they occur, & securely delegate user access all via our secure online web portal.

Monitor the units remotely over the web, from any web-enabled device. Set light phases and

REMOTE MANAGEMENT OF YOUR SMART DEVICES

timing, receive text and email notifications (available with subscription service only).

As battery voltage levels wane, this can be clearly observed via the voltage log trend graph, while the battery indicator button automatically changes to orange to indicate an issue. Similarly, solar voltage, light output, and historical fault logs all assist in reliably keeping your device out in the field.



TECHNICAL SPECIFICATIONS

LANTERN SIZE (MM)	200 OR 300, 2 OR 3 ASPECT
NET WEIGHT (KG)	720
TOWING SIZE (MM) W X H X L	1790 x 2425 x 2305
SETUP SIZE (MM) W X H X L	1965 x 3025 x 2595
BOOM ARM (FROM EDGE OF TRAILER)	UP TO 3.4M
DIMMING LEVELS	DAY / NIGHT AUTO-DIMMING
MARINE GRADE ALUMINIUM ENCLOSURE	●
INGRESS PROTECTION IP65	●
30° HORIZONTAL & VERTICAL VIEWING ANGLE	●
POWER SUPPLY	12vDC, 1 x 145W SOLAR PANEL 2 x 120AH-12V BATTERIES
OPERATING TEMP	-10°C TO +70°C
COMMUNICATIONS	STAND-ALONE REMOTE 3G, REMOTE 3G MANAGED SERVER. HIGH GAIN OMNI ANTENNAS, RELIABLE SIGNAL STRENGTH >1.2KM
CONTROL SYSTEMS	ONSITE OR REMOTE - LOCAL LAPTOP, ITS HOST

ACCESSORIES

- ✓ Cameras
- ✓ Radars (vehicle detection & classification)
- ✓ Bluetooth sensors
- ✓ Also available without boomgate

COMPLIANCE

- ✓ AS4191-2015
- ✓ MRTS254 - TYPE 2
- ✓ AS1170.2-2011
- ✓ ADR – Small Trailers

microITS
SMART SAFE WORKZONES

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POWERED BY:

J1-LED