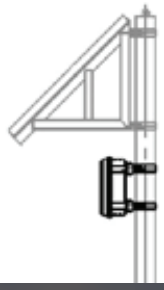
smartBATTS

TRAVEL TIME DISPLAY



microITS

SMART SAFE WORKZONES

AUTONOMOUS RELIABILITY
WHEN YOU NEED IT MOST

Mining **Construction** **Events** **Filming** **Aviation** **Defense** **Public works** **Disaster**

With a range of accessories and deployment options, Smart BATTS adapts to your site.

BUILT FOR AUSTRALIAN CONDITIONS

SmartBATTS is a purpose designed and built traffic intelligence system that provides real-time traffic information to motorists, road authorities and construction contractors.

ULTRA-PRECISION

By establishing a Bluetooth receiver matrix over the worksite, Smart BATTS can accurately map out base line travel times, and using real-time assessment of vehicle speeds and traffic volume, then compute expected delays.

MOBILE TRAVEL TIME DISPLAY

This highly flexible, responsive traffic management system can be relocated as a project progresses, facilitating increased driver awareness and decreased road congestion for the duration of the project's lifecycle.

MULTIPLE DEPLOYMENT OPTIONS

SmartBATTS data may be used to display alerts or travel time via Variable Message, Ramp Control or Travel Time Signs. Signs may be deployed as a temporary installation on existing infrastructure, on a trailer, ute or TMA vehicle.

AUTONOMOUS RELIABILITY

Entirely solar powered, and with wireless connectivity, the Smart BATTS can be monitored remotely via any web-based platform.

REMOTE MANAGEMENT
OF YOUR DEVICES

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

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

SIZE (MM) H X W	250 X 253
NET WEIGHT (KG)	2.5 (BOX) 1.2 (ANTENNAE)
FIELD OF DETECTION	10 LANES (BOTH DIRECTIONS)
MTBF	10 YEARS
DETECTION ACCURACY	SPEED ACCURACY - UP TO 99% (SYSTEM AVERAGES TRAVEL TIME OVER LAST 5 READINGS) VOLUME ACCURACY - DEPENDANT ON SETUP AND DISTANCE BETWEEN RECEIVERS
POWER SUPPLY	STANDARD: 5VDC OPTIONAL: 40W SOLAR STAND ALONE OR ISOLATED 9 TO 32VDC OR POWER OVER ETHERNET (POE) 10BASE-T/100BASE-T
POWER CONSUMPTION	<150mA
OPERATING TEMP	-10°C TO +75°C
COMMUNICATIONS	IP PROTOCOL
TYPICAL SETUP	4.5M HIGH FOR 4 LANE ROAD WITH MEDIAN STRIP
CONTROL SYSTEMS	BROWSER BASED
POWER GENERATION UNIT	DIRECT DRIVE 48vDC

COMPLIANCE

- ✓ FCC
- ✓ CE
- ✓ Telstra
- ✓ AS/NZS 4268
- ✓ ACMA
- ✓ Bluetooth 3.0
- ✓ EN 60950
- ✓ EN 300 328 v1.8.1
- ✓ EN 301 489-17 v2.11

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