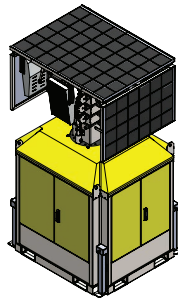


smartCUBE

SMART CITY LIGHTING



AUTONOMOUS RELIABILITY WHEN YOU NEED IT MOST



Mining



Construction



Events



Filming



Aviation



Defense



Public works



Disaster

With a range of accessories and deployment options, the multi-Cube adapts to your site.

TRUE HYBRID

In addition to the water-cooled ultra-reliable Kubota diesel engine, four 115 watt solar panels contribute meaningfully to charging the battery bank, minimising engine run time to less than 2 hours/day.

SAFETY IS STANDARD

Spark arrestor mesh prevents the emission of flammable debris, minimising risk of bushfires or ignition of explosive atmospheres. The telescopic hydraulic mast eliminates crush points.

CLEAN & QUIET

Programmed to power up the batteries during the day, the SmartCUBE is virtually silent and CO₂ free at night - making it the ideal solution for events and worksites where noise and CO₂ levels are a concern.

SITE SURVEILLANCE

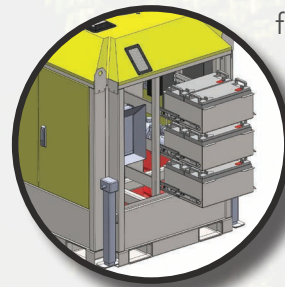
Site security mode ensures operators are notified immediately of site breaches. Operators may then remotely turn on all lights as needed, while the entire incident is automatically streamed in Full-HD.

MULTI-LIGHT

With 345° mast rotation, 60° light tilt adjustment, 5% dimming increments and 9m height, users can adapt lighting to suit, while optional features like 240v AC GPO outlets, and portable trailer base, make this the ultimate multi-tool.

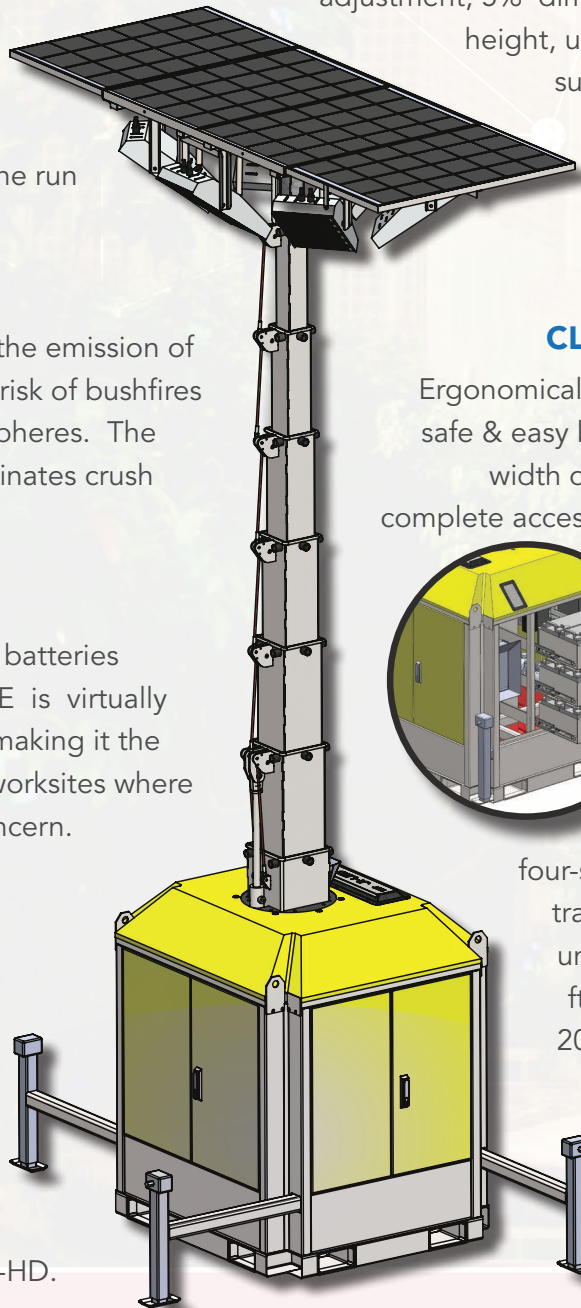
CLEVER COMPONENTS

Ergonomically designed slides enable safe & easy battery replacement. Full width doors on three sides allow complete access to the technical viscera, facilitating service & maintenance.



SMOOTH MOVER

Overhead crane lifting points and four-sided forklift access make transportation a breeze. 18 units fit comfortably in a 40 ft high cube container and 20 units on a standard 13m curtainsider trailer.

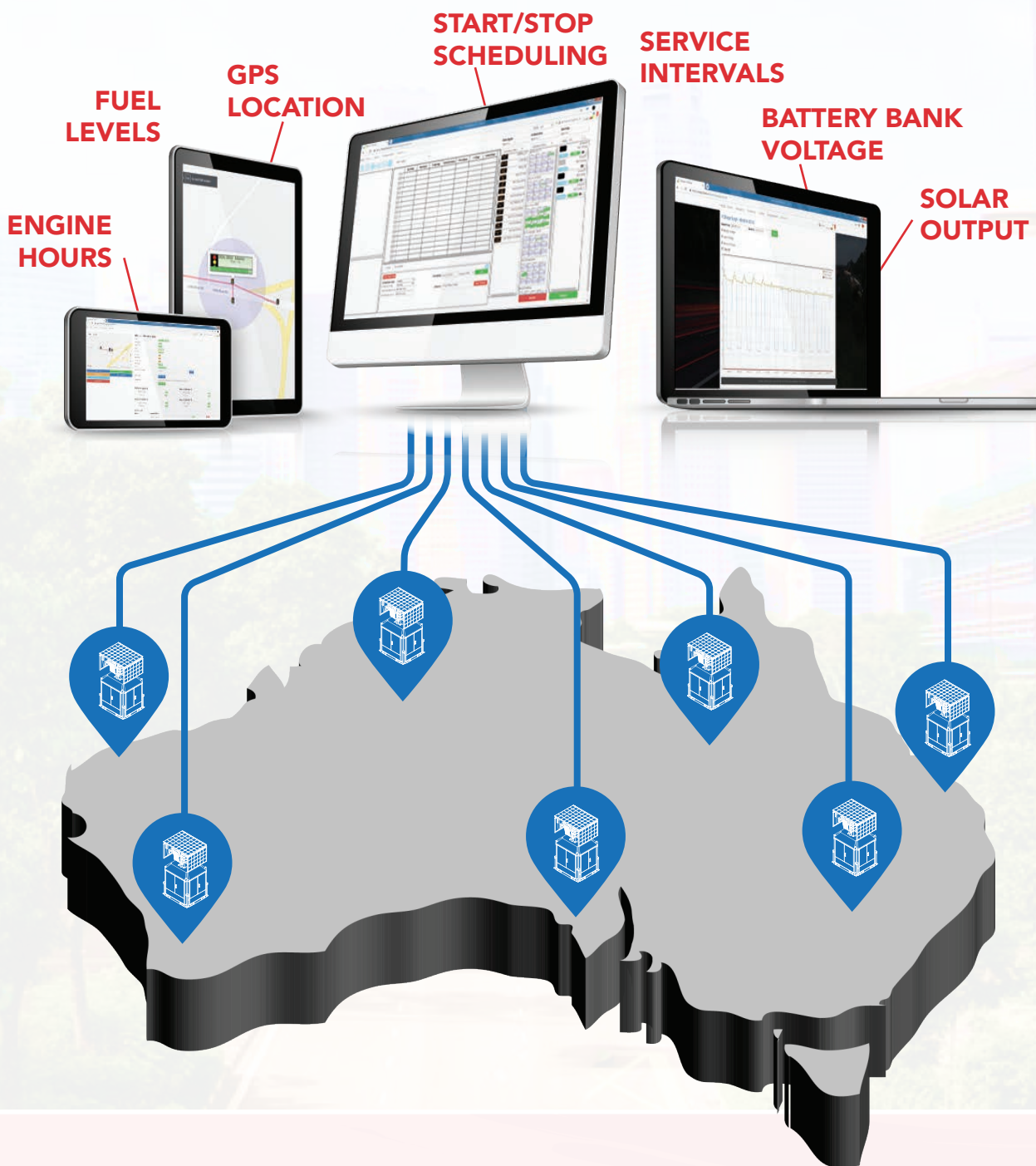




REMOTE MANAGEMENT OF YOUR DEVICES

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

TRANSPORT DIMENSIONS	1160 X 1320 X 2450
DEPLOYED DIMENSIONS	2525 X 2685 X 9002
MAST RAISE HEIGHT (mm)	9002
ENCLOSURE	ALUMINIUM, STAINLESS & GALVANIZED STEEL
MAST ROTATION - REMOTE CONTROLLED (DEGREES)	345
LIGHT TILT - REMOTE CONTROLLED (DEGREES)	60
MAX N° OF UNITS ON A 44FT CURTAINSIDER	20
MAX N° OF UNITS ON A 40FT HIGH CUBE CONTAINER	18
WEIGHT (kg)	1326
WATTAGE PER LIGHT (W)	300
LIGHT LUMENS OUTPUT TOTAL (@100%) (lm)	156,000 / 234,000 (4 / 6 LIGHTS)
N° OF LIGHTS	4 OR 6
LIFT SYSTEM	TELESCOPIC MAST
LIFT METHOD	HYDRAULIC
NOISE LEVEL (dBA) (LIGHTING ONLY)	0
NOISE LEVEL (dBA) (DURING CHARGING OPERATION)	65
FUEL TYPE	DIESEL
TANK CAPACITY (L)	185
SOLAR PANEL CONTRIBUTION (W)	460 (4 x 115)
BATTERY RUN TIME (SILENT POWER) (HRS)	12-72 (DEPENDENT ON LIGHT OUTPUT)
BATTERY CHARGE TIME (HRS)	1.8
TOTAL RUN TIME (DAYS)	60
SYSTEM VOLTAGE (vDC)	48
ENGINE	KUBOTA
ENGINE BHP RUNNING AT 3000 rpm	9.3
FUEL CONSUMPTION (L/hr)	2.4
POWER GENERATION UNIT	DIRECT DRIVE 48vDC

ACCESSORIES

- ✓ Cameras
- ✓ ANPR
- ✓ Weather monitoring stations
- ✓ Radars (vehicle detection & classification)
- ✓ Bluetooth sensors
- ✓ General power outlets
- ✓ Cell towers
- ✓ Up to two additional PVs
- ✓ Up to two additional lights (+ 4 x batteries)

COMPLIANCE

- ✓ Meets Minimum Mining Requirements
 - ✓ Lendlease GMSR (Global Minimum Safety Requirements)
 - ✓ AS 3100
 - ✓ AS 1170.2 Cat C, 50yr*
- *when partially retracted

microITS
SMART SAFE WORKZONES

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POWERED BY:

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