

ETCHIRE

Trailer Mounted VMS BOARDS

Solar powered

- Solar powered
- Available in amber or colour
- Free setup and message changes
- Australian made
- Raises to 3m

**ADVERTISE YOUR BUSINESS
COST EFFECTIVELY WITH A
SOLAR POWERED VMS BOARD**

HIRE ONE TODAY

 **1300 382 447**



www.etchire.com.au



**AUSTRALIAN
DESIGNED
& made**



Stadium
AREA
NG EVENTS
PT AS
ED
Y ZONE

PRODUCT SPECIFICATIONS

VMS:

Brightness control:	Fully automatic with manual override
Screen:	UV stable polycarbonate
Batteries:	CALB CA100
Solar panels:	2 x 120 watt
GPS tracking	
Next-G cellular connection:	SMS and GPRS Updates
Raise & lower:	Brake winch (no hydraulics to fail)

DISPLAY:

Display:	2400 x 1400 to AS:4852
Matrix resolution:	48 x 28
Pixel pitch:	50mm x 50mm
Display capability:	4 lines
Characters per line:	Up to 12

TRAILER:

Length with drawbar:	3630mm
Length with drawbar removed:	2610mm
Height stowed:	2600mm
Height raised:	3800mm
Trailer width:	1710mm
Weight:	650Kg
Wheel locking chains:	2
Recessed tamper resistant LED tail lights (anti-vandalism)	
Removable drawbar for theft prevention	
Stainless steel hardware	
Dulux powder coat with zinc rich primer	



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Trailer Mounted LED BILL BOARDS

100% Australian manufactured

**PROMINENT DIGITAL
ADVERTISING - IMAGES,
VIDEO & LIVE STREAM**

- Full colour P5mm & P10mm option
- Display images or video
- Live stream capable
- Add sound for outdoor movie experience



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PRODUCT SPECIFICATIONS

Matrix Resolution	P5: 5mm x 5mm pixel pitch, P10: 10mm x 10mm pixel pitch
Display Area	2400mm x 1440mm
Optimal Viewing Distance	7m - 55m
Maximum Visibility Distance	110m
Sign Case Sign	2620mm x 1600mm
Sign Voltage	240V AC
Current Draw	Max 8 amps
Weight	(sign on trailer) 540kg
Height (Lowered Position)	2600mm
Height (Fully Raised)	3800mm
Trailer Width	1710mm
Length	3420mm

- Integrated cellular compatible
- Australian designed and manufactured
- Intel solid state industrial computer
- Thinnest and lightest low profile design
- Wide viewing angle for maximum impact
- Ultra bright LED's for daylight use
- Simple plug and play function
- Generator friendly power sequencer
- Wifi Router - 4G Connectivity to your computer anywhere
- Vertically eliminates power on surges
- Integrated thermal regulation



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Solar Powered PORTABLE TRAFFIC LIGHTS

100% Australian manufactured



**MEETS ALL REQUIREMENTS OF
AS4191; ZERO MAINTENANCE
GEL BATTERIES**

Available in 2-Way; 3-Way;
4-Way; 4-Way Independent,
and Pedestrian Mode

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PRODUCT SPECIFICATIONS

DESCRIPTION	Portable trailer mounted traffic light system
LAMP UNITS	LED lamps per AS 2144
TARGET BOARDS	Per AS2144
VISORS	Type A, Per AS 2144
POWER CONSUMPTION	(In operation mode) < 1 Amp average
POWER EFFICIENCY	85% approximate
COOLING	Passive (solid state)
MOVING PARTS IN CONTROL SYSTEMS	Nil (solid state, no relays)
RAISE AND LOWER	Brake winch
TRAILER LIGHTING	8 - 32v recessed LED tail lights
BATTERIES	CALB CA100
CABLE LINKED HANDHELD CONTROLLER	Standard on master unit
SOLAR POWER REGULATED	Yes
OVERALL HEIGHT (FULLY RAISED)	3485mm (approx)
OVERALL HEIGHT (STOWED)	2260mm (approx)
OVERALL TRAILER WIDTH	1710mm (approx)
OVERALL TRAILER LENGTH	3870mm (approx)
RADIO LINKED TRAFFIC CONTROL REMOTE	Optional
SMS DIAGNOSTICS REPORTING	Optional
VEHICLE DETECTORS	Optional
SPARE WHEEL	Optional
OVER RIDE & HAND BRAKE	Optional

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Solar Mobile LIGHTING TOWER

100% Australian manufactured

*A POWERFUL AND QUIET
LIGHTING TOWER, POWERED BY
THE SUN*

- Solar powered
- Fully automated
- Trailer mounted
- Easy to set up
- Australian made



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AUSTRALIAN DESIGNED & made

PRODUCT SPECIFICATIONS

LIGHTS:

LED lifetime:	>50,000 (hrs)
Wattage:	200 watts
Luminosity:	20,000 lm (lumen)
Beam Angle:	2 x 40° + 2 x 90°
Work Temperature:	-40°C ~ 50°C

POWER:

Output Power (W):	200
Batteries:	4 x HTL240-6v Gel Maintenance Free Sealed Batteries 240 AH
Run time on full charge*:	20 hrs
Solar Panels:	2 x 335w LG Solar Panels LG335 monocrystalline Ntype

MAST:

Extended Height:	6000mm
Retracted Height:	1680mm (+870mm to top of lamp head)
Max Payload:	75 Kgs
Sections:	4
Hand Winch:	1200 Lbs

TRAILER:

Length with Drawbar:	4000mm
Length with Drawbar Removed:	3000mm
Height Stowed:	3100mm
Height Raised:	6800mm (full extended setup)
Trailer Width:	1730mm
Weight:	<660 Kg

*without additional solar charge



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LED Solar STREET LIGHT


All-In-One Design

**A FULLY INTEGRATED SYSTEM:
LED LIGHT, BATTERY AND SOLAR
PANEL IN ONE COMPACT UNIT**

Integral PIR Motion Sensors,
MPPT Controller, High
Efficiency LiFePO4 Battery
System, & Premium Quality
LEDs

**SUSTAINABLE
INTEGRATED**
cost effective

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PRODUCT SPECIFICATIONS

MODEL NO:	5W	30W	60W
SOLAR PANEL: (high efficiency monocrystalline silicon)	9V/6W	18V/60W	18V/90W
BATTERY TYPE:	High efficiency LiFePO4 Battery		
LIGHT SOURCE:	5W Epistar LED	30W CREE LED	60W CREE LED
COLOUR TEMP:	2700-6500K	2700-6500K	2700-6500K
LUMINOUS FLUX:	600Lm (TYP)	4200Lm (TYP)	8400Lm (TYP)
WORKING HOURS:	10~12 hrs	12~14 hrs	12~14 hrs (all: 3~5 rainy days)
DISCHARGING TEMP:	-20°C~60°C	-20°C~60°C	-20°C~60°C
CHARGING TEMP:	0°C~60°C	0°C~60°C	0°C~60°C
IP RATING:	IP65	IP65	IP65
MOUNTING HEIGHT:	3-4m	5-7m	6-8m
PRODUCT SIZE:	330*243*35mm	1155*280*56mm	1155*405*56mm
PACKING SIZE:	360*290*130mm	1210*350*230mm	1210*480*260mm
NET WEIGHT:	2.1kg	17kg	22kg



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Surveillance SOLAR C-CAM

100% Australian manufactured


“SIMPLEST, MOST EFFECTIVE
SURVEILLANCE CAMERA ON
THE MARKET”

A completely wire free, cost
effective solution for security
& safety monitoring



HIGH RESOLUTION
REMOTE LOGIN
cloud storage

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PRODUCT SPECIFICATIONS

FULLY INTEGRATED MEGA PIXEL CAMERA

Image Type:	Colour, Jpeg compressed, VGA (640x480), QVGA (320x240)
Lens Range:	3mm, 3.7mm, 6mm, 8mm, 16mm
RF Frequency:	2G & 3G GPRS: 850/900/1800/1900/2100Mhz
Power Consumption Ave:	Xmit: 300mA, Standby 4.9mA
Weight of Camera:	3Kg including batteries
Solar Panel rating:	12VDC, 20W
Operating Temperature:	-20C - +60C
PC Software Requirements:	Windows 7, 8 & 10 compatible



FEATURES

- Complete portable rugged "wire free" solution for remote monitoring of all work sites and residential
- Solar powered – operates indefinitely on an internal solar charged battery
- Small compact camera unit for easy mounting, anywhere!
- Minimal maintenance required (only battery replacement every 2-3 years)
- Fully integrated, ultra-low power digital camera with 3G modem
- Solar powered spotlight synchronised to flash only on image capture at night time
- Optional wireless motion detector to capture people and vehicle movement
- Choice of wide angle or telephoto lenses to match the area to be monitored
- Image storage for up to 30 days, with indefinite storage available*

FUNCTIONS

- Portable solar powered security monitoring of valuable assets
- Multiple anti-theft devices to prevent vandalism
- Images are sent immediately to a map based web page for multiple access monitoring
- All images are concurrently stored on an internal removable 8GB SD card for movie compilation or legal evidence
- Mobile access to images using mobile phones or tablets
- Full control and configuration of the camera via SMS commands
- Actively monitor a designated area such as machinery yards, construction sites, access roads and valuable infrastructure
- Control camera remotely with state of the art dashboard software from any device with internet access
- Set camera on time lapse periods by day and by motion sensor by night
- Have alerts sent via email or SMS to alert you that the camera has been activated

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Solar Camera

PORTABLE TRAFFIC LIGHTS

RED LIGHT CAMERA SYSTEM


100% Australian Made

“MONITOR RED LIGHT RUNNERS IN
ROAD WORKS, REMOTELY”

A compact and unobtrusive camera
system to extend the functionality of our
portable traffic lights

REMOTE OPERATION
EASY TO USE
cloud storage

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PRODUCT SPECIFICATIONS

PTL:

	Portable trailer mounted traffic light system
Lamp units	LED lamps per AS 2144
Target Boards	Per AS2144
Visors	Type A, Per AS 2144
Power consumption	(In operation mode) < 1 Amp average
Power efficiency	85% approximate
Cooling	Passive (solid state)
Moving parts in control systems	Nil (solid state, no relays)
Raise and lower	Brake winch
Trailer lighting	8 - 32v recessed LED tail lights
Batteries	2 x 180AH gel batteries
Cable linked handheld controller	Standard on master unit
Solar power regulated	Yes
Overall height (fully raised)	3485mm (approx)
Overall height (stowed)	2260mm (approx)
Overall trailer width	1710mm (approx)
Overall trailer length	3870mm (approx)
Radio linked traffic control remote	Optional
SMS diagnostics reporting	Optional
Vehicle detectors	Optional
Spare Wheel	Optional
Over ride & hand brake	Optiona

CAMERA:

	Fully integrated high resolution digital camera
Image Type:	Colour, Jpeg compressed, VGA (640x480), QVGA (320x240)
Lens Range:	6mm
RF Frequency:	2G & 3G GPRS: 850/900/1800/1900/2100Mhz
Power Consumption Ave:	Xmit: 300mA, standby 4.9mA
Weight of Camera:	3Kg including batteries
Operating Temperature:	-20C - +60C
PC Software Requirements:	Windows 7, 8 & 10 compatible



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Surveillance SOLAR S-CAM

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**“SIMPLEST, MOST EFFECTIVE
SURVEILLANCE CAMERA ON
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A completely wire free, cost
effective solution for security
& safety monitoring

**HIGH RESOLUTION
REMOTE LOGIN**
cloud storage

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PRODUCT SPECIFICATIONS

FULLY INTEGRATED MEGA PIXEL CAMERA

Image Type:	Colour, Jpeg compressed, VGA (640x480), QVGA (320x240)
Lens Range:	3mm, 3.7mm, 6mm, 8mm, 16mm
RF Frequency:	2G & 3G GPRS: 850/900/1800/1900/2100Mhz
Power Consumption Ave:	Xmit: 300mA, Standby 4.9mA
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- Set camera on time lapse periods by day and by motion sensor by night
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REMOTE LOGIN
cloud storage**

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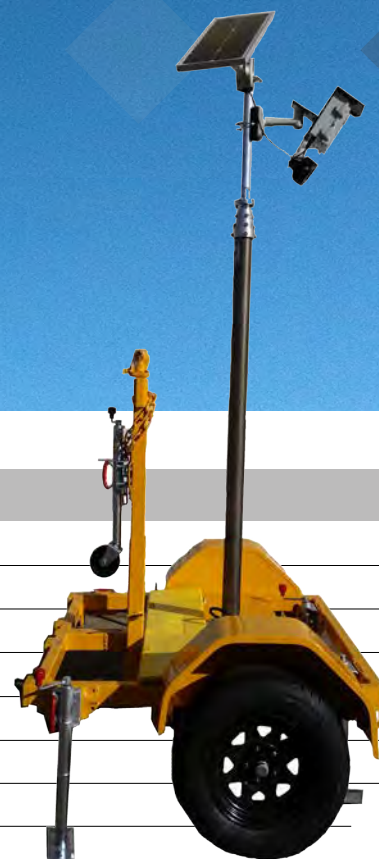
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Solar Camera VMS BOARDS

TRAFFIC WARNING SYSTEM


100% Australian Made

**“BE PROACTIVE: PREVENT HAZARDS;
ISSUE TRAFFIC WARNINGS &
UPDATES, REMOTELY”**

A complete camera monitoring system
to monitor roads, traffic and construction
sites, integrated with our VMS boards

EYE CATCHING
PRACTICAL
cost effective

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PRODUCT SPECIFICATIONS

VMS:

Brightness Control:	Fully automatic with manual override
Screen:	UV stable polycarbonate
Batteries:	2 x 250 Ah AGM maintenance free
Solar Panels:	2 x 120 watt
GPS Tracking	
Next-G Cellular Connection with SMS and GPRS Updates	
Warranty:	2 years (12 months on hand controller)
Raise & Lower:	Brake winch (no hydraulics to fail)

DISPLAY:

Display:	2400 x 1400 to AS:4852
Matrix resolution:	48 x 28
Pixel Pitch:	50mm x 50mm
Display Capability:	4 lines
Characters per Line:	Up to 12

TRAILER:

Length with Drawbar:	3630mm
Length with Drawbar Removed:	2610mm
Height Stowed:	2600mm
Height Raised:	3800mm
Trailer Width:	1710mm
Weight:	650Kg
Wheel Locking Chains:	2
Recessed tamper resistant LED tail lights (anti-vandalism)	
Removable drawbar for theft prevention	
Stainless steel hardware	
Dulux powder coat with zinc rich primer	



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PTZ CAMERA CCTV SURVEILLANCE

Solar Powered

- ✓ Solar-Smart super charging technology
- ✓ Compact, lightweight
- ✓ PTZ (Pan Tilt Zoom) functionality
- ✓ Operate remotely from smart device or PC
- ✓ WPIR - wireless motion detector
- ✓ Still photos, live streaming & CCTV
- ✓ Stores 3 weeks of continual CCTV footage

- ✓ Optional white spotlight for night monitoring
- ✓ Time lapse mode
- ✓ Networking capability between multiple cameras
- ✓ Back-to-Base monitoring allows hundreds of cameras to be viewed live on one screen
- ✓ Dashboard software for remote monitoring
- ✓ Easy install



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PRODUCT SPECIFICATIONS

CAMERA

Maximum Resolution 1920 x 1080 (2 MPixel)
Wide Dynamic Range 120dB
Movement Range Pan: 0 - 350°, Tilt: From 0° to 90°, Zoom: 2.8 to 12 mm (4 X Optical)
Video Compression: H.264/MJPEG
Max Frame Rate: 25 fps (1920 x1080), 50 fps (1280 x 960)
Video Detection: Intrusion, Line crossing, Motion, Dynamic analysis
Wireless PIR Motion detection (10m range) up to 80m from camera
Protocols: TCP/IP, UDP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP
UPnP, SMTP, SNMP, IGMP, 802.1X, QoS, IPv4/IPv6, Bonjour
Storage Internal SD card - 128GB

WIFI

Wireless Standards: IEEE802.11b, 802.11g, 802.11n
Frequency: 2.4GHz
Bandwidth: 20/40MHz
Protocols 802.11b: CCK, QPSK, BPSK, 802.11g/n: OFDM
Security 64/128 bit WEP, WPA/WPA2, WPA-PSK, WPS
Transfer rates: 11b: 11Mbps, 11g: 54Mbps, 11n: up to 150 Mbps
Wireless Range: 50m (164 ft) (Optional long range Antenna available for 250m)

GENERAL

Operating Temperature: -30°C to 60°C (-22°F to 140°F), Humidity 95% or less
Solar Panel: 40W @ 18.1VDC
Ingress Protection: IP 67
Dimensions: 30 x 19 x 16 cm (11.8 x 7.5 x 6.3 inches)
Weight: 4Kg

MODEM

Frequency Bands: LTE FDD: Band1 (2100 MHz)/ Band3(1800 MHz)/ Band7(2600 MHz)/ Band8 (900 MHz)/ Band20 (800 MHz)
DC-HSPA+/HSPA+/HSPA/UMTS: Band1 (2100 MHz)/ Band8 (900 MHz)
EDGE/GPRS/GSM: 850 MHz/ 900 MHz/ 1800 MHz/ 1900 MHz

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