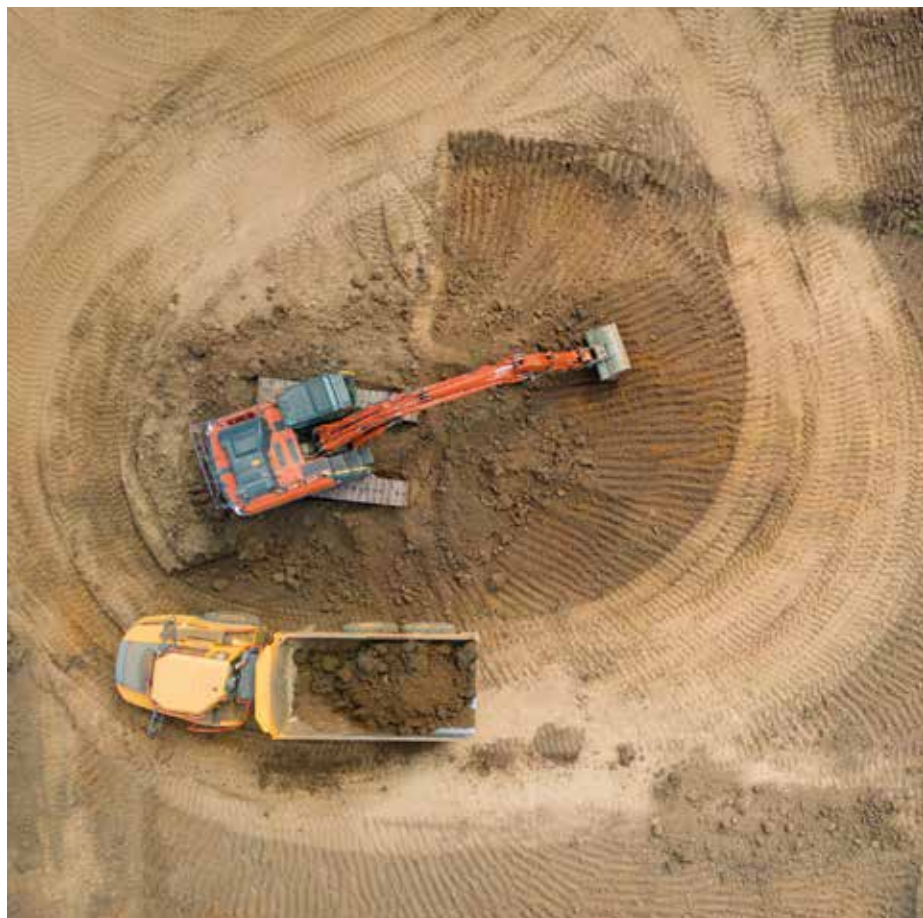


BLASTING AHEAD

INTELLIGENT QUARRY SAFETY SOLUTIONS



Mobile Visual Information Systems





NO MORE QUARRY TRAFFIC WORRIES

For over a decade, MVIS have been delivering portable, solar powered ITS Solutions that offer users access to proven safety products that can enhance the safety of your quarry, landfill or construction work site.

Our solutions provide effective answers to many safety concerns in quarries, construction or work sites. We offer trailer based, solar powered Intelligent Quarry Safety Solutions (IQSS) products such as portable variable message signs (VMS), portable CCTV, and data collection solutions that are secure, adaptable and cost effective.





PORTABLE VMS-A

Buy or Hire our mobile 5 colour VMS-A for your quarry or landfill site. The VMS-A, although small in size, offers a wealth of technology including an autonomous solar charging system and a low power consuming LED display.

The VMS-A can be used as a stand-alone temporary VMS or in conjunction with radar to display:

- A message
- Speed roundels
- 'Too high' and 'too fast' message

The VMS-A is versatile, easy to set up and operate, with adjustable legs for a secure small footprint. Reliable under all conditions and offers impact, choice and the flexibility to use red, green, blue and white as well as standard amber.

KEY FEATURES:

- Full graphics and pictograms
- Non-glare, UV resistant polycarbonate screen
- Speed radar device
- Security features – GPS tracked and padlock covers
- Highest quality LEDs
- Solar powered / environmentally friendly
- Programming options – laptop on site, modem, SMS or App or internet
- Windows-based software

DISPLAY SIZE
1610 X 1040MM

**2 X
SOLAR
PANELS**

**ADJUSTABLE
HEIGHT**
ELECTRIC ACTUATOR

**FULL LED
MATRIX**
48 X 28

DROP DOWN LEGS
PROP ALKO

BATTERY BOX
VOLTAGE: 12V

IDEAL FOR:



MESSAGING



SPEED DISPLAY



WARNINGS

2 X SOLAR PANELS

DISPLAY SIZE
2730 X 1850mm

FULL LED
MATRIX
48 X 28

IDEAL FOR:



MESSAGING



SPEED DISPLAY

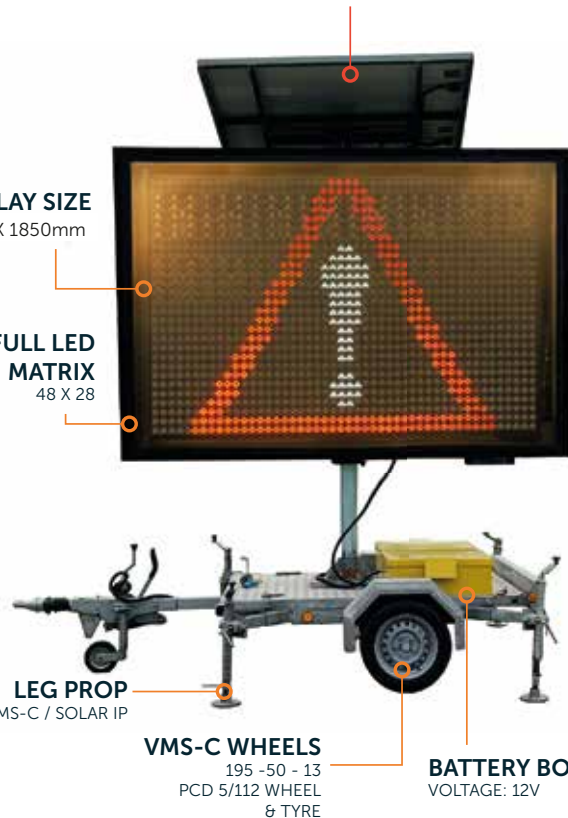


WARNINGS

LEG PROP
VMS-C / SOLAR IP

VMS-C WHEELS
195 -50 - 13
PCD 5/112 WHEEL
& TYRE

BATTERY BOX
VOLTAGE: 12V





PORTABLE VMS-C

Buy or Hire our mobile 5 colour VMS-C for use in all quarries and landfill sites. Versatile, easy to set up and operate and with a fully autonomous solar charging system, the VMS-C will operate continually under recommended operating conditions.

Programming is via SMS, direct serial connection, app or through our live web-based interface.

Available for sale and hire throughout the UK, VMS-C offers impact, choice and the flexibility to use red, green, blue and white as well as standard amber.

KEY FEATURES:

- Full graphics and pictograms
- Non-glare, UV resistant polycarbonate screen
- Speed radar device
- Security Features -GPS tracking, Padlock covers
- Highest Quality LED's
- Solar Powered / Environmentally Friendly
- Programming Options -laptop on-site, modem, SMS, internet or App
- Windows - based software



HD COMPACT

This unit's small footprint and adjustable height makes it highly versatile, especially considering the display content can be updated remotely via our web-based portal or mobile app.

With hidden cabling, this unit is secured against vandalism or accidental damage and benefits from the data collection radar integrated in all our signs.

MVIS' HD Compact was the first of its kind, designed for use within work sites in order to improve safety and to communicate information to the public.

Developed in line with customer feedback and market research, the HD Compact offers the industry a light-weight, portable, solar powered message sign that features a dual colour (red and white) display.

KEY FEATURES:

- 28 x 28 matrix with a 20mm pixel pitch
- Compact 680 x 780mm sign case
- Dual colour for text or pictograms
- Small footprint, light weight and highly portable
- Low cost alternative to many data collection solutions
- Solar powered and easy to update content remotely via a web based platform
- 24/7 support, assisting you with placement, deployment and content

CHEVRON FRAME
FOR INCREASED IMPACT



DISPLAY SIZE
28 x 28 PIXELS



BATTERY BOX
VOLTAGE: 12V
UP TO 4 WEEKS
RUN TIME
USING 3 X 100AH
BATTERIES

IDEAL FOR:



MESSAGING



SPEED DISPLAY



WARNINGS



PEDESTRIAN
WARNINGS



DISPLAY DATA
READINGS





**BLASTING
AHEAD WITH
INTELLIGENT
QUARRY
SAFETY
SOLUTIONS**

ANPR CAMERA

PROVIDES DETAILED DATA FOR OVER-SPEEDING VEHICLE INFORMATION INCLUDING NUMBER PLATES, IMAGES & TIME STAMPS

OPERATIONAL

SUITABLE FOR ALL WEATHER CONDITIONS BOTH DAY & NIGHT

DISPLAY SIZE

16" FULL COLOUR SPEED DISPLAY

SPEED LIMIT

SET YOUR OWN SPEED & VIOLATION LIMIT FOR YOUR QUARRY OR LANDFILL SITE.

BATTERY BOX

VOLTAGE: 12V





VEHICLE ACTIVATION SPEED SIGN

DETECTION, CALMING & ENFORCEMENT WITH ANPR

The Ador SERENITi Vehicle activated speed sign is a highly efficient and cost-effective traffic calming device suitable for all types of roads. radar speed display offers excellent readability from a distance of 300 meters, featuring ultra-bright tricolor LED speed displays and programmable messages. With 99% accurate data collection for both directions, including traffic analysis, it proves to be effective in promoting traffic calming and road awareness.

The system offers the possibility of integration with our specialized camera technology, thereby augmenting safety measures and facilitating the collection of detailed data concerning instances of excessive speeding. This integration effectively amalgamates an awareness display with a camera solution, serving as a protective measure for both drivers and the broader community by curbing incidents of over-speeding.

It combines an awareness display with a camera solution to enhance safety. This solution operates both indoors and outdoors, alerting drivers to their speeds, enforcing speed limits, and providing detailed data on instances of over-speeding, including vehicle information, number plates, images, and timestamps.

CCTV CAMERA
INVICTUS 321 IR BLACK
12V CCTV CAMERA



SOLAR IP MAST

HEIGHT (travel position): 2500mm
HEIGHT: (max operating position):
6600mm



2 X SOLAR PANELS
250W PANELS



LEG PROP
VMS-C / SOLAR IP



VOLTAGE
12V, 24V, 48V



IDEAL FOR:



SECURITY



SITE
MANAGEMENT



SITE SAFETY



SOLAR IP WITH CCTV

This unit's small footprint and adjustable height makes it highly versatile, especially considering the display content can be updated remotely via our web-based portal or mobile app. With hidden cabling, this unit is secured against vandalism or accidental damage and benefits from the data collection radar integrated in all our signs.

We deliver an integrated intelligent transport system (ITS) solution that meets your specific needs using Solar IP and any combination of VMS, ANPR, CCTV, radar or contactless sensor. If things change, Solar IP can be quickly and easily reconfigured. Offering a versatile trailer-based and solar powered 'power bank', this unit can be integrated with other technologies, granting them portability.

KEY FEATURES:

- Mobile
- Flexible
- Solar Powered
- Energy Independent
- Environmentally Friendly
- Silent
- Cost Effective
- Easily Deployed



COMPACT CCTV

Our clever outdoor surveillance camera boasts an ultra-wide viewing angle of 355° pan & 140° tilt and connects through Vodafone 4G.

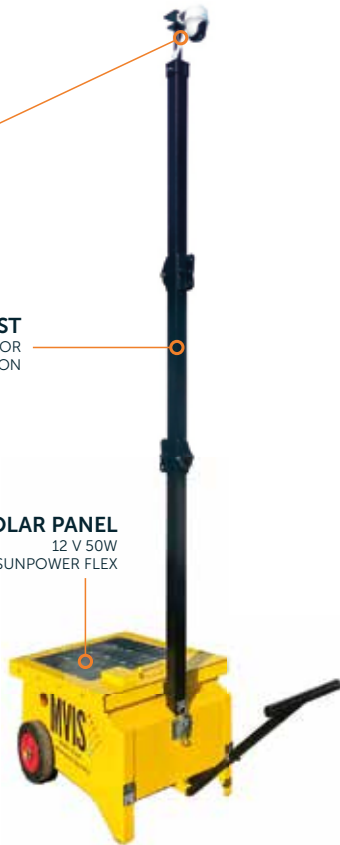
Offering 1080p HD at 15 frames per second and a 6x Digital Zoom, this camera performs well for a range of applications, made even more impressive by the 10m Night Vision range

- 1080p HD
- 15 Frames per second
- Solar Powered
- Compact Base
- 6x Digital Zoom
- 10 Metre Night
- Vision Range
- 3M Mast.
- 355° Pan
- 140° Tilt



3M H DC MST
FOLDS DOWN FOR
EASY TRANSPORTATION

SOLAR PANEL
12 V 50W
SUNPOWER FLEX



IDEAL FOR:



SECURITY



SITE
MANAGEMENT



SITE SAFETY





COMPANIES WHO ALREADY #TRUSTINMVIS



CATPLANT



SOLAR-POWERED BARRIER

SIZE:

- 1750mm High (no Boom)
- 700mm wide
- 770mm Deep
- 160kg Weight

FEATURES:

- Remote operated up to 30m
- 3m Telescopic boom
- Anti-contact safety beam feature Telematics for battery monitoring.
- Location, remote operation.
- Solar & Battery Powered – 400+ operations a day

EXTRA FEATURES:

- ANPR Activation – Whitelist/Blacklist up to 10000 vehicles (Remote upload and download of Whitelist/Blacklist)
- 100m or 1km Remote operation option
- Manual Operation buttons on the unit
- Mains Fed 110Vac or 240Vac (Charger)
- 2.5m Boom, 4m Boom, 5m Boom
- Lithium or PLC Batteries



2 X SOLAR PANELS
80W SOLAR ARRAY

100M / 1KM
REMOTE OPERATION
OPTION

ANPR ACTIVATION
WHITELIST / BLACKLIST
UP TO 200 VEHICLES

EXTENDING LEGS
FOR STABILITY

3M TELESCOPIC BOOM



NISSEN LZA SOLAR

REVOLUTIONISING TRAFFIC MANAGEMENT

The game changing Nissen LZA Solar is revolutionising traffic management. It makes expensive, unnecessary battery changes a thing of the past and improves your company's efficiency and carbon footprint with the industry leading Solar Light on the market.

"The Nissen LZA550 Solar surpassed all our expectations running continuously for 10 months during 2023 with not one issue, having a huge impact on internal cost savings and our carbon footprint, an incredible piece of equipment".

In addition to all the benefits of the standard LZA550 the Solar offers:

SOLAR POWERED TRAFFIC LIGHTS

- Folding Solar panel for transport
- 45 degree tilt Solar panel
- 350 degree rotatable platform for the Solar panel for optimum charging
- Built in Solar energy converter and battery management system
- Industry leading run times for Solar lights





INSTABOOM GO

EFFORTLESS TRAFFIC CONTROL

INSTABOOM Go is an entirely portable, remote controlled, solar powered automatic stop:go board that allows traffic to be controlled efficiently in an instant.

At just 24 kgs the flight case format has been designed to be deployed by just one person with ease and simplicity. Once deployed, the system is controlled from a safe distance, ensuring the safety of both the operator and motorists.

INSTABOOM Go harnesses the power of the sun to operate. When the sun isn't shining, the system can run for a full week of 10 hour shifts turning twice a minute before it would need to be charged. If required charging is simple and easy and from home, depot or it can be simply left in the sun.

The latest product in the highly successful INSTABOOM family, the INSTABOOM GO is manufactured by Solar Gates within the UK, the signs are UKCA marked as well as all other necessary safety accreditations. Supplied with an 800m remote control as standard and with optional telematics, allowing remote monitoring of battery life, rotation state and location.



- **PORTABLE** - at just 23kgs it's perfect for a 1 person deployment
- **RUGGED** - 3 week run time on one charge, even without sunlight
- **QUICK** - Deployed in under 1 minute for 2, 3 or 4 way closure.
- **SOLAR** - Integrated solar panel, 2 week run time with Anderson and car top-up chargers
- **CONTROLLED** - 800m rugged radio fob, operate from a safe distance
- **SIMPLE** - quick release stop:go pole, 2m to top of pole
- **TELEMATICS** - optimal fleet performance and email alerts option
- **VISIBLE** - 60cm chapter8 STOP/GO sign, high intensity LED beacon





REMOTE MESSAGING FOB

- Long range up to 20km
- Usb type c & qi wireless charging waterproof up to ip65
- 868 / 918 Mhz technology
- Tailor your message buttons to suit your quarry traffic management needs.



OPTIONAL EXTRA







CASE STUDY

CATPLANT DONCASTER

Catplant Quarry Ltd met MVIS at the Hillhead trade show in 2022. The team was tasked with finding a solution to an issue Catplant had with a one-way track at the waste disposal area of the quarry.

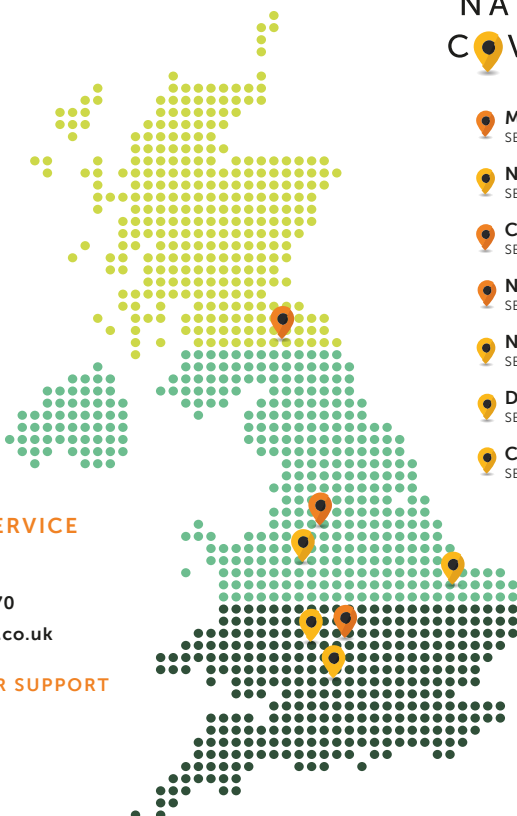
Catplant had multiple lorries driving into the area, which had limited space, causing a backup of vehicles with no area to turn around, leading to congestion and safety issues in all areas of the quarry.

A solution was required that allowed only one vehicle into the unloading area at a time, allowing the lorry to unload, turn around safely, and exit before the next vehicle drove into the area.

MVIS supplied a Variable Message Sign (VMS) which allowed the driver to remotely activate a message on the VMS, instructing a "NEXT VEHICLE" message and a further "WAIT HERE" instruction.

However, due to poor connectivity within the quarry, the standard mobile app could not be used to operate the VMS. An alternative solution was implemented by MVIS - a remote fob with a direct connection to the sign, allowing the driver to control it at the press of a button.



Catplant found the technology worked so well for them that they purchased a second sign that allowed them to address the issue of speeding in the quarry. This not only enhanced safety for quarry workers but also reduced the amount of dust into the atmosphere.



NATIONAL COVERAGE

-  **MATLOCK**
SERVICE & DELIVERY HUB
-  **NORFOLK**
SERVICE HUB
-  **COBHAM**
SERVICE & DELIVERY HUB
-  **NEWCASTLE**
SERVICE & DELIVERY HUB
-  **NEWBURY**
SERVICE HUB
-  **DORKING**
SERVICE HUB
-  **CANNOCK**
SERVICE HUB

NATIONAL SERVICE CENTRE

 01629 580570
 sales@m-vis.co.uk

24/7 CUSTOMER SUPPORT






AWARD WINNING CUSTOMER SERVICE


Our customer support line is open 24 hours a day, 365 days a year.

With strategically located hubs across the UK, our team can rapidly deploy solutions in times of emergency.

From stone quarries to landfill, we have developed a reputation within the industry for outstanding service supplying Intelligent Quarry Safety Solutions.

GET IN TOUCH

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