MVIS

Mobile Visual Information Systems

Queue Detect

MVIS' new low power Queue Detect system uses a state of the art Frequency Modulated Continuous Wave Radar to monitor the road for slow moving traffic.

Once slow moving traffic is detected the system communicates via the GPRS network with MVIS' server, which in turn activates your desired message on any number of variable message signs (VMS). It can be used with both MVIS' VMS-A and VMS-C products.

The speed at which the traffic triggers the message can be set remotely, as can the speed at which the message is cleared. The radar itself can either be mounted on an MVIS VMS, a Solar IP trailer or for long term deployment it can be mounted onto an existing column along with a small solar panel and battery.

MVIS Units 6-8, Brookfield Way, Brookfield Industrial Estate, Tansley, Matlock, Derbyshire. DE4 5ND
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www.m-vis.co.uk

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MVIS DATA SHEET

Queue Detect

Key Features

- Low power unit for solar applications – typically <25mA
- 6Vdc to 16Vdc supply
- Compact unit for ease of installation
- User adjustable parameters for optimum detection via GPRS connection
- Range sensitivity adjustment
- Speed output in kph or mph
- Remote firmware updates
- Direction and low temperature alerts
- Password protected interface

Technical Specifications

Technology: FMCW Radar Technology
Detect Output: Quad-band GPRS 850/900/1800/1900 MHz
Radar Bandwidth: 15MHz
Mounting Height: 3-4m nominal
Product Mounting: Pan and tilt bracket (M10 fixing)
Housing Material: Black polycarbonate
Sealing: IP66
Operating Temp: -20°C to +60°C
Power: 150mW Typical 1.2W Peak
Approved to: ETSI EN 301 489, BS EN 50293 and AS/NZS 4268

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