



CCTV FOR WORKZONE & HIGHWAY MONITORINGS

TECHNOLOGY FOR SMARTER HIGHWAYS

VPS
HIGHWAYS
SOLUTIONS



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CCTV FOR WORKZONE & HIGHWAY MONITORING

VPS workzone and highway monitoring solution, utilises the latest CCTV cameras mounted on our Smart Towers. This allows us to have a fully integrated, rapidly deployable solution. Our Smart Tower mounted CCTV systems are quickly installed, repositioned or removed, which is ideal for all long or short duration highway projects.

Our mobile CCTV cameras use wireless 3G/4G or radio communications, which eliminates the use of network cabling, resulting in quicker installation times and less video outages during operation.

The systems are predominantly powered directly from the highway feeder pillars, however they can also operate using batteries with solar recharge, Hybrid Diesel or Solar Battery Units, making the whole system fully autonomous. Smart Towers come complete with battery back incase of power failure. This allows us to maintain monitoring if power loss occurs, until our engineers attend site.

Our fully modular system allows us to choose the right camera for the right location. Using the latest high definition PTZ cameras they can see and record clear high quality images.

Camera operation and images can be controlled on site or fully managed/monitored remotely via our Remote Video Recording Centre (RVRC).

BENEFITS OF CENTRAL MONITORING VIA OUR RVRC

Our category II (BS5979 compliant) Alarm Receiving Centre and Remote Video Recording Centre is located in our Head office complex in Chadderton. Much more than the industry standard 'control centre' our RVRC benefits from the latest technological advancements, enhancing efficiency and capabilities, and is at the centre of our security operation. Operating on a 24/7 basis with an experienced Shift Manager and duty personnel present at all times, the centre supports operational management teams with monitoring and responding to alarms, video signals, live feeds and lone worker management.

There is a Duty Manager on duty at all times, all operatives are SIA licensed for Public Space Surveillance, and the centre is supported by robust business continuity with disaster recovery plans in place. These are tested annually via desktop exercises with policies and procedures in place to guarantee uninterrupted service delivery.

Where appropriate we use a number of video analytic solutions to drive operators behavior and bring attention to Highways incidents.



Utilising our RVRC to monitor the live traffic feed helps deliver the following operational benefits to the customer:

- Single operator supported by our core staffing levels during breaks. No additional operatives needed, resulting in project savings
- All operators are fully licenced for Public Space CCTV and so is VPS as we hold SIA Approved Contractor Scheme (ACS) accreditation
- Facility is approved to BS5979 with resilience across all our architecture and infrastructure, with no risk of outages
- Operator can easily be supported by supervisors and senior management during incidents
- Operators will be rotated across various desks every few hours to maintain observation levels
- GDPR compliant
- Operators can monitor multiple projects, so we can scale without the need for additional heads every time, resulting in economies of scale
- Reduction of carbon footprint on site as there is no need for dedicated cabin and power
- Standardisation of processes across all projects
- Short term projects (days or weeks) can be easily supported
- In emergencies connection can be established on the same day
- VMS signage can be controlled by the monitoring station team 24/7/365, allowing a swift reaction to incidents
- High quality facility with high retention of staff
- No fibre installation or civil works needed on the network, reducing H&S risks as installers will spend less time on the highway
- No risk of damaged fibres which can result in communication problems
- No working at height as our solutions are telescopic
- Many short term projects don't have a local compound to facilitate a CCTV monitoring location





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