

TEMPORARY CCTV CAPABILITY

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KEEPING PEOPLE
SAFE ON
THE NETWORK.

CONNECTIVITY
& MONITORING.

SPEAK TO OUR TEAM TODAY

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THE OPERATIONAL REALITY.

CLIENTS NEED:

- · Rapid deployment without complex civils or long lead times
- · Reliable 24/7 visibility across long or fragmented work zones
- · Secure, resilient connectivity in areas with limited infrastructure
- · Lower risk and lower carbon solutions that meet National Highways standards

P&D Specialist Services exists to solve these challenges — combining decades of highways experience with modern, sustainable surveillance technology.

6M & 10M FIXED-BASED COLUMNS

A COMPLETE, FLEXIBLE CCTV CAPABILITY

P&D column systems are available in both 6-metre and 10-metre mounting options, allowing solutions to be tailored to the monitoring requirement. The 6-metre option is ideal where detailed capture is essential, such as junction monitoring, pedestrian safety and ANPR, offering easier access for maintenance and a more cost-effective installation.

The 10-metre option provides a wider field of view for general traffic surveillance, long road stretches and incident management, while improving security through reduced accessibility and minimising visual obstruction to traffic. Together, these options ensure the right balance between coverage, detail and operational efficiency for any roadside deployment.



ECO-GEN

GREEN FUTURE IN ROAD SIDE TECHNOLOGY

ADVANCED SOLAR TECHNOLOGY WITH HYDROGEN FUEL CELL BACK-UP TO PROVIDE RELIABLE, EFFICIENT POWER FOR TEMPORARY OR SEMI-PERMANENT INSTALLATIONS.

The ECO-GEN is a durable, ethically built off-grid power and communications system from P&D Specialist Services. Designed for challenging environments, it supports CCTV and highway safety where traditional infrastructure is limited, using advanced solar technology with hydrogen fuel cell backup to provide reliable, efficient power for temporary or semi-permanent installations.

ECO-VAULT

GREEN FUTURE IN ROAD SIDE TECHNOLOGY

ETHICALLY PRODUCED, OFF-GRID POWER AND COMMUNICATIONS SYSTEM BUILT FOR DEMANDING ENVIRONMENTS.

The ECO-VAULT, designed and manufactured by P&D Specialist Services is an ethically produced, off-grid power and communications system built for demanding environments. Using advanced solar technology, it delivers reliable energy for CCTV and highway safety applications, making it an ideal solution for temporary or semi-permanent installations where traditional infrastructure is limited.

The image shows the ECO-GEN system at night. It consists of a yellow power unit with a solar panel mounted on top. The unit is illuminated by its own lights, and the background shows blurred city lights.

GREEN FUTURE IN ROAD SIDE TECHNOLOGY

ECO-GEN

KEY CAPABILITIES

- ◆ Self-sustaining power system generating power from solar energy with integrated battery system for energy storage and hydrogen fuel cell backup.
- ◆ Point to Point data transfer through 4G/5G.
- ◆ Efficient rapid deployment.
- ◆ Protected from unauthorised access- with email alerts.
- ◆ Total solution for temporary or semi-permanent deployment in low infrastructure areas and remote locations.
- ◆ Real-time data transfer for 24hr CCTV, Highway safety applications.

The image shows the ECO-VAULT system at night. It features a yellow power unit with a solar panel mounted on top. The unit is illuminated by its own lights, and the background shows blurred city lights.

GREEN FUTURE IN ROAD SIDE TECHNOLOGY

ECO-VAULT

KEY CAPABILITIES

- ◆ Solar energy with integrated battery system for energy storage.
- ◆ Efficient rapid deployment.
- ◆ Protected from unauthorised access- with email alerts.
- ◆ Total solution for temporary or semi-permanent deployment in low infrastructure areas and remote locations.
- ◆ Powering Real-time data transfer for 24hr CCTV, Highway safety applications.

BOTH OPTIONS ARE COMPLETELY WIRELESS ON SITE, SIGNIFICANTLY REDUCING INSTALLATION TIME, TRAFFIC MANAGEMENT REQUIREMENTS, AND SAFETY EXPOSURE.



A PARTNER, NOT JUST A SUPPLIER.

Major highway works, events, and temporary traffic schemes create complex, high-risk environments. Narrow lanes, contra-flows, reduced hard shoulders, and live traffic mean incidents can escalate quickly — putting both road users and workforce safety at risk.

Traditional CCTV approaches often struggle in these environments. Fixed power and fibre are slow and expensive to deploy, vulnerable to damage and theft, and increase the amount of time operatives spend working adjacent to live traffic.

Diesel generators add cost, noise, emissions, and maintenance overhead.

At P&D, we work alongside our customers from day one, taking the time to understand their operational challenges, environments, and objectives.

From design and deployment through to monitoring, maintenance, and ongoing optimisation, we provide long-term support built on trust, expertise, and shared accountability — ensuring solutions continue to perform long after installation.

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