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BE HONEST, BE TRUE TO YOURSELF

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SOUND AND VISION

Tony Holloway, Sales Executive for 360 Vision's Predator range, explains why the product is versatile in road traffic management

How does 360 Vision Predator fit the needs of today's road traffic management?

It's not obvious, but the RTM market requires surveillance solutions with superior capability, not only in terms of video performance but also compliance with industry standards, and a product service life expectation beyond that of other sectors.

360 Vision Technology's high-performance, third generation Predator PTZ camera has been designed to meet these demands, with continued product

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DEVELOPMENT.**”

improvements tailored to meet the exacting surveillance demands required for RTM applications.

What does it do?

The Predator rugged PTZ cameras range has thousands of variations to provide tailored performance for a range of market verticals. For RTM solutions, many of the camera's unique features, such as Attack Detect, Ultra long Range dynamic IR illumination and market leading Auto Low Power consumption, have become pre-requisites.

Predator's long-range illumination (up to 600 metres plus) dual sensor units, provide visual and thermal capability and are again RTM options, for use on open roadway and tunnel applications. These options don't stop here, for tunnel applications, to protect against the corrosive conditions found in such environments, Predator is also available in full stainless-steel construction.

For rapid deployment surveillance, often roadside and requiring



Was Predator designed with RTM specifically in mind?

Over the years, customer feedback has influenced Predator's development. Now, we ensure specific features are maintained to meet the requirements of the RTM sector, some of these are: Low Power; Base scan on impact; On screen sector text overlay and Privacy masking Zones for urban areas; Intelligent long range illumination; Analogue Hybrid; Image Stabilisation; Compliance to RTM specifics performance characteristics.

wireless communications, Predator is available as a TX option, with an integrated rugged 4G transmission solution. Automated 'stopped vehicle detection' can be deployed via integrated video analytics (AI) or through the application of the Predator Radar solution.

We have also created specific models for highways applications, where the performance capabilities are uniquely certificated to the RTM sector, and not found in general surveillance applications. This requires a greater electro-mechanical camera performance level, versus those required for many other surveillance applications.

Who is typically buying this product and for what RTM purposes?

Local authority Urban Traffic Control (UTC), National Highways,

contractors providing monitoring for carriage works and specialist tunnel.

“ THE RTM MARKET REQUIRES SURVEILLANCE SOLUTIONS WITH SUPERIOR CAPABILITY. ”

What Predator features are different to other cameras on the market?

There are many features that uniquely enhance Predator's performance to provide solutions fit for the application. For example, all-metal construction, super smooth Pan and Tilt control, and a flat viewing window with wash/wiper facility, including the ability to 'tilt

to the sky', to take advantage of the rain for applications without the washer accessories. These features provide significant advantages over the underslung and dome style camera solutions, which are often tempting based on budget, however when it comes to long term video performance, there is no substitute for a clear viewing window to maintain optimum video performance and evidential detail capture.

A feature we call Base Scan on Impact (BSI), was developed specifically for traffic applications, in fact, it followed a road traffic incident where a vehicle struck a camera column. The Attack Detect capability on the Predator automatically views the base of the column, panning 360 degrees to immediately capture the collision, providing immediate and possibly critical live safety surveillance. This feature alone hugely enhances the Predator offering for such applications. ■



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