

UK Police and Traffic forces to monitor roads with RIEGL devices from 3D Laser Mapping

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ABSTRACT

[...]the VZ-400 is the only laser scanner of its kind to use both online waveform analysis and echo digitisation, offering absolute accuracy in measurements (5mm) at ranges of some 600meters, irrespective of weather conditions. [...]not only do the RIEGL scanners offer precise measurements of 122,000 points per second; they also come with a broad 100 x 360-degree field of view. [...]RIEGL laser scanners can, and have, no doubt proved to be a big asset for law enforcement world over, and it is for this precise reason that 14 out of the 22 police forces awarded funding this year, have ordered some 26 RIEGL scanners.

FULL TEXT

Cooshalle Wilson:

With incidents of road rage and drunken driving steadily increasing, more than half the traffic and police authorities in the UK have chosen to spend their annual funding on buying state-of-the-art RIEGL VZ-400 laser scanner devices, courtesy 3D Laser Mapping.

The RIEGL VZ-400 laser scanner

It is hoped that the purchase of these scanners will allow the concerned forces to collect quick and accurate evidence at collision sites, thereby reducing incidents of road closure and congestion on roads. Also, Collision Investigators hope that data produced by the RIEGL scanner shall help them re-create hi-tech graphics and detailed plans of collision sites, which could then be used in further inquiries, or even as proof in court cases. For the uninitiated, these hi-tech RIEGL laser scanners have proved effective in solving collision cases internationally for three reasons. First, these scanners capture the minutest amount of detail and color, both during day and night. Second, the VZ-400 is the only laser scanner of its kind to use both online waveform analysis and echo digitisation, offering absolute accuracy in measurements (5mm) at ranges of some 600meters, irrespective of weather conditions. And lastly, not only do the RIEGL scanners offer precise measurements of 122,000 points per second; they also come with a broad 100 x 360-degree field of view.

Thus, RIEGL laser scanners can, and have, no doubt proved to be a big asset for law enforcement world over, and it is for this precise reason that 14 out of the 22 police forces awarded funding this year, have ordered some 26 RIEGL scanners.

Gary Baldwin, Supervisor of the Forensic Collision Investigation Unit at Thames Valley Police and Hampshire Joint Forensic Collision Investigation Unit, further explains their decision, "The specification of the RIEGL scanner was not matched by any other on the market. This easy to use device will enable faster evidence collection and the quality of data will enhance the product delivered to the Courts."

Via: The American Surveyor (<http://www.amerisurv.com/content/view/9968/>)

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