Riegl Launches Innovative New V-Line of Laser Scanners

Written by Riegl
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Orlando, Florida, September 2, 2008 - The new Riegl V-Line Laser Scanners offer the most cutting edge technology on the market for 3D Laser Scanning. V-Line Laser scanners provide extremely high resolution, pulse repetition, and scanning rates as well as a large field of view. These 3D laser scanners have multiple target capacity with an unlimited number of targets. These laser scanners are also extremely versatile, as they can be used for stationary and mobile terrestrial scan data acquisition.

High Pulse Repetition Rates
This latest state-of-the art laser technology has pulse repetition rates up to 300 kHz. Scanning rates are also extremely high speed, reaching up to 100 scans/sec. This is complemented by the latest in data interfaces for GPS, LAN, WLAN, USB, etc...

Online Full-Waveform Analysis for incredible data
For the first time worldwide online full-waveform analysis in combination with the highest ranging accuracy and reliability based upon echo digitization. Excellent multiple target capability for increased performance in dust, rain snow and fog. Incredible penetration of vegetation for more superior last return performance

Compact, Lightweight and Robust Design
Though these new instruments are compact and light weight (weighing less than 10kg on average), they are rugged and therefore practical for use in the field.

Don't Forget about Safety
The Riegl Laser Scanners meet OSHA regulations for Workplace Safety and ANSI Class 1 eye safe requirements. Riegl's invisible beam will not distract motorists, workers or pedestrians.

Riegl VZ-400
Lightweight, High Resolution, High Speed and Large Field of View 3D Laser Scanner for the Surveying Market, additional camera option, cable less operation, internal flash memory data storage, and user's display, excellently applicable for stationary as well as mobile terrestrial scan data acquisition

About Riegl
Riegl's 3D terrestrial laser scanner business is based upon the company's 30 year heritage in research, development and manufacture of time-of-flight based optical radar systems. Our products are used for ground based and airborne survey, industrial process control, altimetry and aerospace applications. Riegl's many different 3D scanners offer a wide array of performance characteristics and serve as a platform for continuing innovation in the 3D laser scanning business. Today Riegl is recognized as the performance leader in the mining, industrial process control, civil infrastructure, mobile mapping and other large scale asset markets. The instruments are well known for their ruggedness and reliability under demanding environmental conditions. Riegl maintains offices in Austria, Orlando Florida and Tokyo Japan.

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