

V-STARS/D5

Picture Perfect Measurements™

V-STARS/D Systems are powered by **DynaMo**, our new series of high-speed, high-resolution cameras

The **V-STARS/D5** system from Geodetic Systems, Inc. (GSI) is a lower-resolution but higher-speed system for those who do not need the accuracy or features of our high-end **V-STARS/D12** system. Of course, it still comes with GSI's unparalleled **V-STARS** software and our total commitment to customer support.

The lightweight, highly portable **DynaMo** cameras have been designed for reliable, high-speed, high-accuracy 3D measurement even in the most difficult conditions.



The **V-STARS DynaMo** system retains the inherent advantages of photogrammetry:

Immune to vibration and movement so it can be used where other technologies cannot

Works from lifts, cranes and unstable platforms so it can see and measure what others cannot

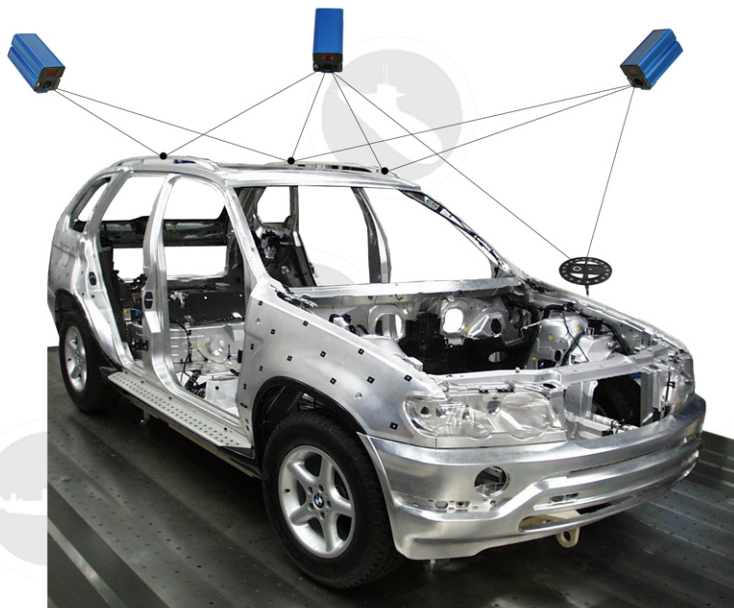
Fast picture taking and no warm-up time so measurements are quick and production downtime is minimized

Small and portable so it goes practically anywhere, including into tight places where others cannot go

V-STARS/D5's accuracy, portability and ruggedness make it well-suited for a wide variety of applications in many industries, such as aerospace, antenna, automotive, heavy engineering, shipbuilding and more.

Features

- High resolution, speed, accuracy
5M pixel, up to 10Hz, 14µm + 14µm/M
- Fast, low-visibility flash system
- Wide field-of-view and large operating range
Wide and medium-angle lenses available
- Extremely portable
Notebook operation, carry-on baggage
- Positive pressure "dust-off" system
- Single, thin cable for data and power
- Electronic shutter
High speed, long-life



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V-STARS/D5

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	D5-M	D5-W
Sensor Resolution	5Mp	
Field of View (H x V)	58° x 50°	72° x 62°
Single Camera Accuracy	7µm + 7µm/M 0.035mm@4M 0.0014@160"	
Multi Camera Accuracy	14µm + 14µm/M 0.070mm@4M 0.0028@160"	
Operating Temperature	0 - 40 °C	32 - 104 °F
Cabling	Single cable for power and data 9M/30' standard 36M/120'max	
Speed (Hz)	~10	
Shutter Time	30µs	
Shutter Life	Unlimited (Electronic)	
Format	6:5	
Weight – Camera	1lb 10oz/0.75kg	
Weight – Strobe	1lb 2oz/0.50kg	
Weight - Total	2lb 12oz/1.25kg	
Camera (L, W, H)	6.8 x 3.2 x 2.1" / 173 x 81 x 54mm	
Strobe (L, W, H)	6.5 x 3.2 x 1.6" / 165 x 81 x 41mm	
Total (L, W, H)	6.8 x 3.2 x 3.7" / 173 x 81 x 95mm	

For more information on **DynaMo D5** or any other GSI product, please contact GSI or your local GSI distributor.



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Geodetic Systems

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