

# V-STARS/D5

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

## Picture Perfect Measurements™

The **V-STARS/D5** system from Geodetic Systems, Inc. (GSI) is our highest-speed, lowest cost **DynaMo** system for those who do not need the resolution and accuracy 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

**High speed flash and shutter** allow for measuring and tracking fast-moving objects even in sunlight

**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

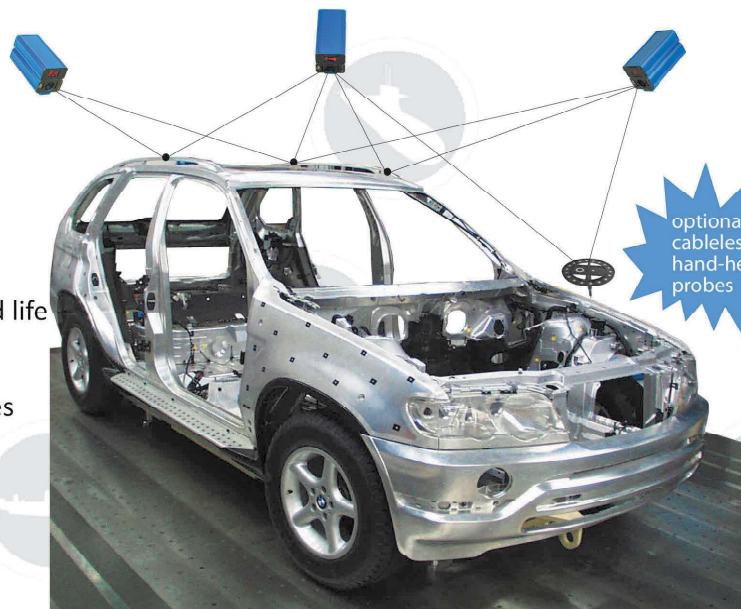
**Small and portable** so it goes practically anywhere, including into tight places where others cannot go



**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
- Wide field-of-view. Wide and medium-angle lenses available
- Large operating range  
10 meters at full speed, 20 meters max
- Extremely portable  
Notebook operation, carry-on baggage
- High-speed electronic shutter with unlimited life
- Single, thin cable for data and power
- High-speed, low-visibility flash system freezes fast moving objects



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# V-STARS/D5

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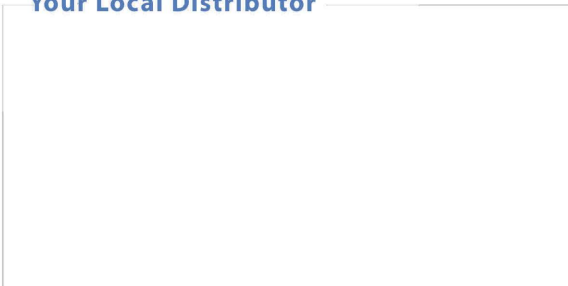


For more information on **DynaMo D5** or any other GSI product, please contact GSI or your local GSI distributor.



	D5-M	D5-W
Sensor Resolution	5Mp	
Field of View (H x V)	58° x 50°	72° x 62°
Multi Camera Accuracy <sup>1</sup>	14µm + 14µm/M 0.070mm@4M 0.0028@160"	
Operating Temperature	0 - 40 °C (non condensing)	
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	

## Your Local Distributor



1 Conditions for meeting M accuracy specification:  
a) Standard two-camera configuration with good geometry

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