

V-STARS/D12

“Powered by DynaMo”

Picture Perfect Measurements™

The **V-STARS/D12** system from Geodetic Systems, Inc. (GSI) is our highest accuracy dynamo system for those who do not need the speed of our high-speed **V-STARS/D5** 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

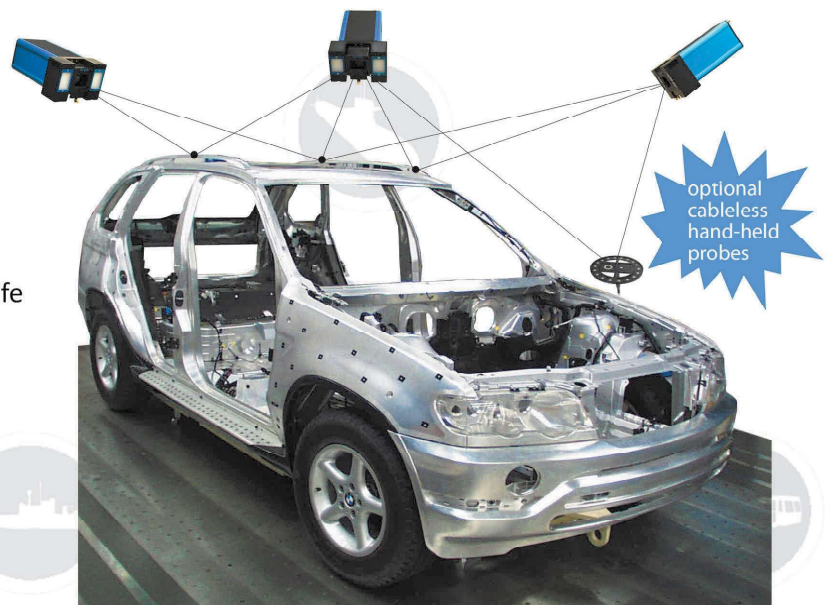
Small and portable so it goes practically anywhere, including into tight places where others cannot go



V-STARS/D12'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
12M pixel, up to 4Hz, 10µm + 10µm/M
- Wide field-of-view and large operating range
Up to 10 meters at full speed, 30 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 flash freezes fast moving objects



Geodetic Systems

1511 Riverview Drive, Melbourne, FL, USA 32901

www.geodetic.com

info@geodetic.com +1 321 734 6831

V-STARS/D12

Picture Perfect Measurements™



Measures:

- Individual targets/markers (number is practically unlimited)
- Without targets using small, cableless touch probes
- Surfaces using our optional PRO-SPOT target projector



PRO-SPOT/A target projector

	D12
Sensor Resolution	12Mp
Field of View (H x V)	72° x 58°
Multi Camera Accuracy ¹	10µm + 10µm/M 0.050mm@4M 0.002@160"
Operating Temperature	0 - 40 °C (non-condensing)
Cabling	Single cable for power and data 9M/30' Standard 36M/120' Max
Speed(Hz)	~3 - 4
Shutter Time (min)	50µs
Shutter Life	Unlimited (Electronic)
Format	4:3
Weight – Camera	2lb 8oz/1.14kg
Weight – With Strobe	2lb 12oz/1.25kg
Camera (L, W, H)	7.2 x 3.7 x 3.2" / 183 x 94 x 81mm
With Strobe (L, W, H)	7.2 x 4.7 x 4.7" / 183 x 119 x 119mm

¹ Conditions for meeting M accuracy specification:

- a) Standard two-camera configuration with good geometry

For more information on **DynaMo D12** or any other GSI product, please contact GSI or your local GSI distributor.



Geodetic Systems

Illustrations, descriptions, and technical data are not binding and may be changed without notice. Printed in USA - Copyright by Geodetic Systems Inc, Melbourne, Florida, USA, 2019. Dynamo, V-STARS, Picture Perfect Measurements are trademarks or registered trademarks of Geodetic Systems, Inc. All other brand and product names are trademarks or registered trademarks of their respective owners.

Your Local Distributor

