

Legend 500 Series

Model 540 SmartImage Sensor

\$4,995

Includes training and
FrameWork software

If ultra-fast speeds are needed for your vision application, look no further than the Legend Series 540 SmartImage Sensor. At just \$4,995 the Legend 540 delivers 100% inspection to manufacturing facilities with high-speed lines in industries such as bottling, packaging, or even web printing.

A powerful new processor multiplies the Legend 540's processing rates up to 8 times faster than any other SmartImage Sensor on the market. The Legend 540 performs accelerated inspections such as presence/absence and defect detection, quickly analyzes odd shapes, and precisely inspects multiple and overlapping parts in a wide range of light conditions. As an advanced industrial reader, the Legend 540 reads 1-D, 2-D and stacked barcodes like PDF 417, and includes a robust OCR package that reads and interprets characters from virtually any language in the fastest work environments.

"The Legend 540 is the fastest 'smart camera' ever brought to market bridging the performance gap between vision sensors and high-end machine vision systems."

Built-in Ethernet connectivity empowers manufacturers to network the Legend 540 for remote diagnostics and data acquisition from any Internet connection around the world.

-Bob Steinke
*Chairman and CEO,
DVT Corporation*



No separate PC or "frame-grabber board" is required to run the Legend 540 because all hardware is integrated into a single compact unit. Also, the Legend 540 features on-camera control of up to four light sources for imaging high-speed motion.

DVT offers the best price vs. performance ratio in the vision industry with free FrameWork software, upgrades and licenses, as well as free classroom and interactive training.

770-449-4960 www.dvtsensors.com

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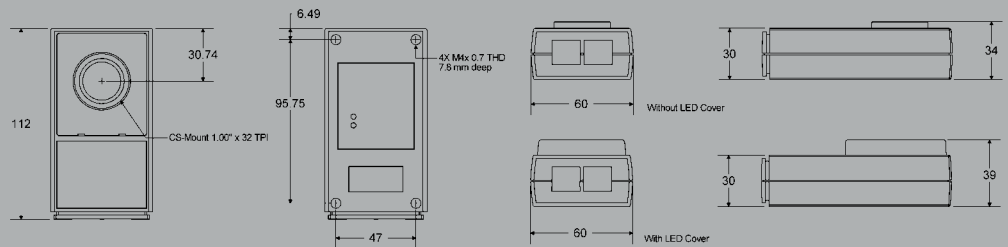
Model 540 SmartImage Sensor



Legend 540

specs

Size	112mm x 60mm x 30mm (not including lens)
Mounting	Four M4 threaded holes (on the back of unit), 7.9mm depth
Weight	170g/6oz (without lens or integrated light)
Power Requirements	24V DC, 210mA (or minimum 5W supply), regulated and isolated. Additional 5W required for integrated light option. Additional 30W required per DVT LED array light.
Operating Temperatures	Operating Temperature: 0-45° C, 32-113° F
Image Sensor	4.8mm x 3.6mm (1/3" format) CCD, 640 x 480 pixel resolution, 7.4µm x 7.4 µm pixels
Electronic Shuttering	10 µs – 1 second exposure times
Optics	CS mount standard, C mount-capable with included adaptor
External Port	RJ-45 for 10/100 Mbps Ethernet communications, 10 pin keyed modular connector for power and digital I/O
Digital I/O	24V DC regulated, 8 configurable inputs and outputs, NPN (current sinking) inputs, PNP (current sourcing) outputs, active high signals. Inputs can sink up to 1.5mA and outputs source a maximum of 50 mA
Certifications	CE certified



Note: All Units in mm.



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