



Gocator 3109 Launch

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Designed For Robot-Mounted, Full Inline Inspection

The Gocator 3109 model is the latest addition to the Gocator 3100 Series. Featuring a lightweight, ultra compact body that is half the size of the Gocator 3110 model, LMI's newest 3D snapshot sensor is designed for assembly line builders who need to perform robot-mounted and fixed frame inline 3D scanning and inspection of stationary targets.

Main Features of the Gocator 3109:

High-Precision and Ultra Compact

The Gocator 3109 scans with high-resolution and speed. What makes it truly unique, however, is that it has the smallest footprint of any blue LED projection scanner on the market. The Gocator 3109 measures just 49 x 100 x 155 mm — almost half the size of the Gocator 3110 — and weighs less than 1.5 kg. This ultra compact design and lightweight package make the 3109 easy to mount onto robotic arms, fit single or multiple sensors into confined spaces (e.g. for measuring engine cylinders), and integrate or embed into machines and other factory devices.

Wide Field-of-View

The 3109's wide FOV (86 x 67mm to 88 x 93mm) and flexible scanning capability provide measurement of multiple features with a single 3D snapshot. This lowers system costs, because users are able to inspect a large number of features in a shorter period of time and with a minimum number of scanners. Area scanning also removes the need to perfectly align the sensors before part features can be accurately detected.

Communicates Directly To PLCs/Robots

Gocator 3109 communicates directly to PLCs/robots, resulting in fewer hardware components and fewer configuration details for setup and maintenance. By eliminating PCs on the factory floor and minimizing the number of components needed, the Gocator 3109 optimizes system design and reduces integration costs.

Produces Results Out-of-the-Box

LMI's latest 3D snapshot sensor comes factory pre-calibrated so users can set it up quickly and produce results out-of-the-box. No need for on-site calibration or maintenance significantly reduces system setup times.

Easy-To-Setup Measurement Tools

Gocator 3109 features an easy-to-use, web-based graphical interface with responsive feedback in 3D. Its intuitive measurement parameters are CAD model-based, ensuring staff can configure their scanner for specific measurement applications without needing a high level of technical expertise.

Gocator 3109 is available for order now.