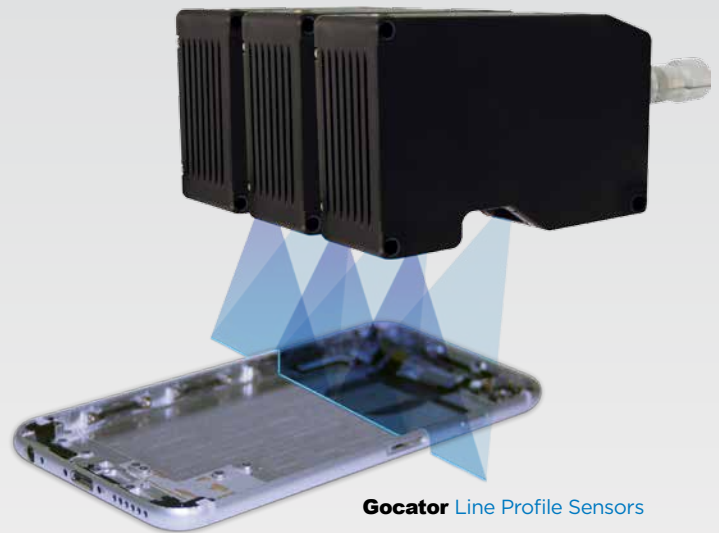**LMI TECHNOLOGIES**

Multi-Sensor Networking with **Gocator**®

3D SMART SENSOR CAPABILITIES

In addition to dual sensor networking with built-in support for pairing, alignment, and stitching, Gocator now offers support for multi-sensor networks (>2 sensors). Multi-sensor support allows users to configure sensor layout and align to a common coordinate system with point-and-click functionality. After scanning, Gocator outputs a single, dense 3D point cloud ready for measurement.

» **IDEAL FOR SCANNING LARGE OR COMPLEX TARGETS**

» **MAINTAINS HIGH RESOLUTION ACROSS WIDE FOV**

» **SIMPLE POINT-AND-CLICK NETWORK SETUP**

» **MASTER HUB CONTROLS MICROSECOND DATA SYNCHRONIZATION, POWER AND LASER SAFETY**

Gocator Line Profile Sensors

EASY SETUP WITH NEW GOCATOR FIRMWARE 4.6
Creating a sensor network is now easier than ever before, thanks to built-in functionality that results in low cost of setup and maintenance. No coding needed!

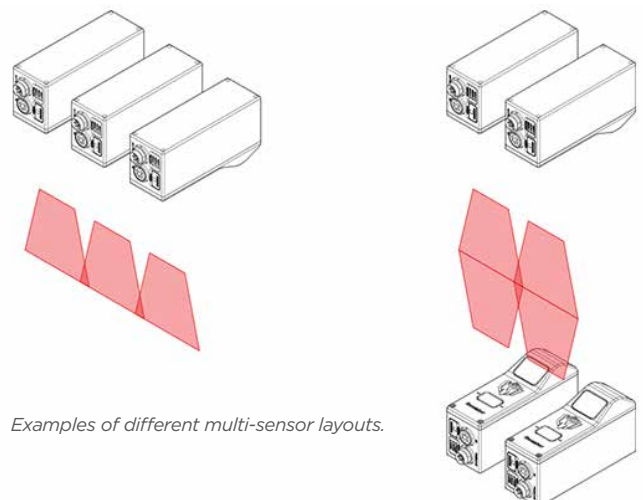**CONNECT TWO OR MORE SENSORS TO MAXIMIZE SCAN COVERAGE**
A Gocator multi-sensor network combines the results from individual sensors into a single high-density 3D point cloud. Simply select from the table/grid format with your number of rows/columns (for example, 2 up, 1 down).

MULTIPLE LAYOUTS AND SETUPS AVAILABLE
Choose from a range of layouts based on your specific inspection needs. Layouts include wide orientation, opposite, reverse, and angled.

EASY TO USE
Gocator's built-in GUI provides an intuitive setup experience, using any web browser, computer or operating system. Alignment and layout of sensors is driven by simple point and click selection. No programming is required!
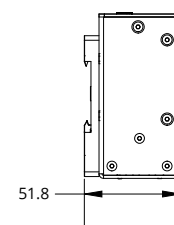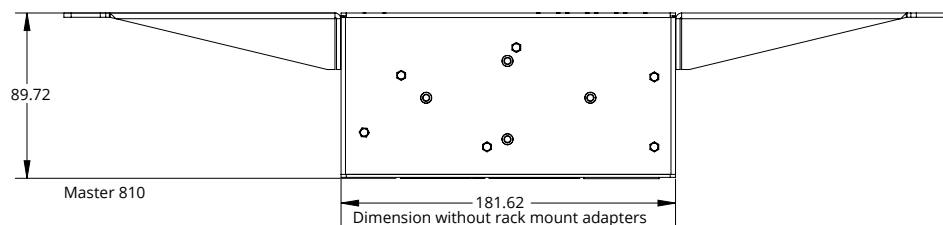
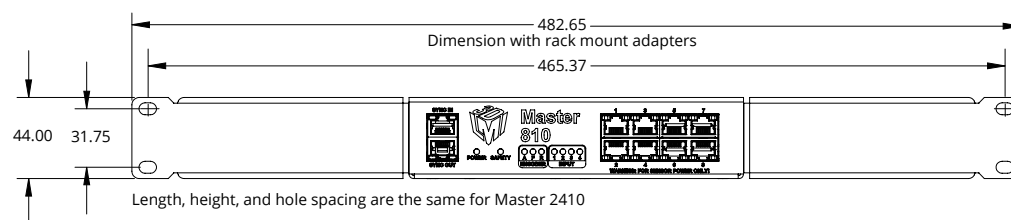*Examples of different multi-sensor layouts.*

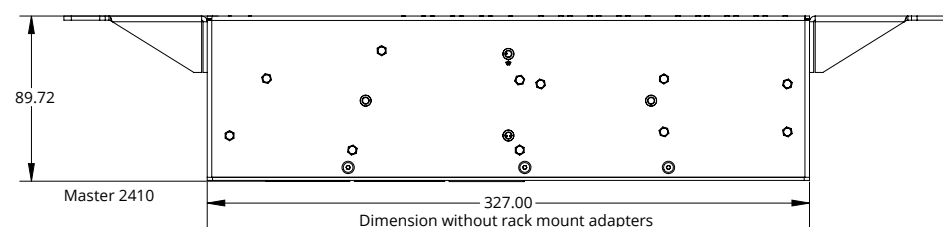| Master 810 & 2410	
Input Voltage (Power)	+24-48 VDC (2 Watts)*
Total Power	Master 810 / 2410 input power + (sensor input power x number of sensors)
Capacity	Master 810: up to 8 sensors Master 2410: up to 24 sensors
I/O	4 digital inputs** Differential (5 VDC, 12 VDC) Single-ended active high/low (5 VDC, 12 VDC) 10-pin Phoenix connector
Encoder	Differential (5 VDC, 12 VDC) Single-ended (5 VDC, 12 VDC)*** 11-pin Phoenix connector
LED Indicators	Safety, power, encoder, input
Cable	Dual CAT5e cable for power / safety / synchronization / data

* Refer to sensor datasheets for additional power required by sensors.
** Gocator only supports one digital input.
*** Supports open collector, pull-up resisitor, line driver, push-pull, and TTL.

482.65
Dimension with rack mount adapters
465.37

44.00 31.75

Length, height, and hole spacing are the same for Master 2410

89.72

Master 810

181.62
Dimension without rack mount adapters

51.8

Dimension with DIN rail mount clips
(on rear of Master 810 or 2410)

89.72

Master 2410

327.00
Dimension without rack mount adapters