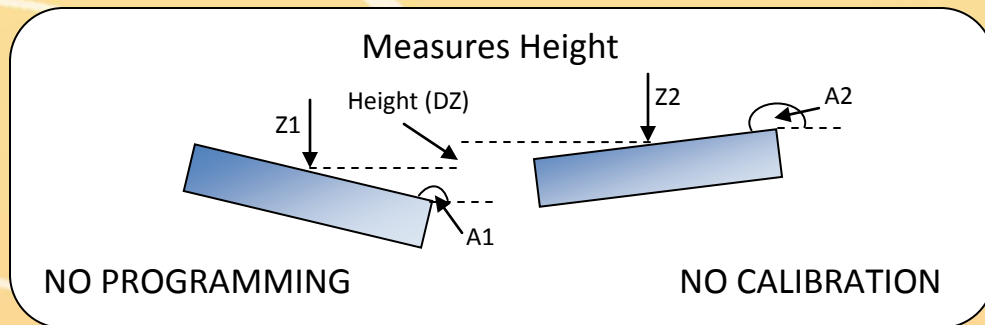# Lucana M Height Sensor

The Lucana M Height sensor can measure the height between two surfaces. Our innovation allows Lucana M Height sensor to perform measurements automatically without calibration, setup, or programming.

Measures Height
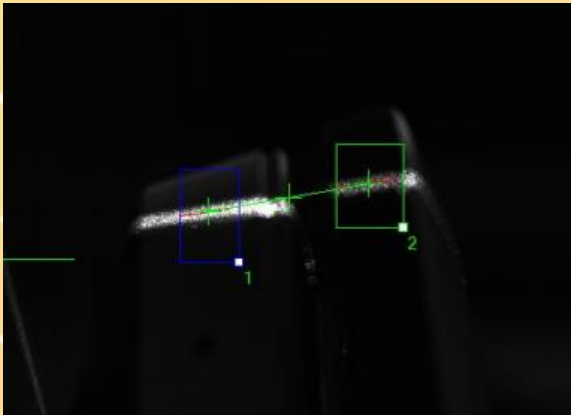
NO PROGRAMMING   NO CALIBRATION

- Cost Effective
- Front Measurement
- Handheld or Attached
- Measures Gap Width
- Measures Flush Height
- Measures on the Fly

Lucana M Height Sensor

User Interface

Operation

Start	Once	Save Image
Stop	Calc. Time: 207 ms	Total: 309 ms

Continuous Measurement, single measurement and time

Data Logging

Part List: abc123

Enable Logging ☐ | Add | Delete

Data Logging to local or network drive with ability to specify a tag such as part list

Measurements

Angle1	-24.78	degree	🔴
Z1	64.87	mm	🔴
Angle2	243.58	degree	🔴 Units
Z2	85.22	mm	🔴
DZ	20.35	mm	🔴 IN

Measurement in millimeter or inches and degrees

Tolerances

Max A1	0	Max A2	0	deg
Min A1	0	Min A2	0	deg
Max Z1	0	Max Z2	0	mm
Min Z1	0	Min Z2	0	mm
Max DZ	0			
Min DZ	0	Apply		

Tolerance setting for pass/fail output to digital to digital I/O (Optologic) or set flag in communication.

Transfer/Trigger

Enable I/O ☑   Trigger I/O ☐
Trigger UDP ☐   Pushbutton Trigger ☐
Trigger TCP/IP ☐   Trig = 't'   PORT = 9000

Communications TCP/IP, UDP, and I/O (Optologic)

Exposure Control

[slider]   34 ms   Apply

Parameters

Edge Strength 30   I.E. 30   Apply

Control to accommodate different surface reflectance

0

S/N 4002708083

Exit	Help

The user interface for Lucana M Height measuring the height between two surfaces. The user can view the measurements of height in millimeters or inches and set the tolerance for pass or fail. The data can be sent to another device via UDP, TCP/IP protocol as well as log the data locally or on any network drive.

Lucana M Height Sensor

Specifications

Measurements	Gap and Flush
Resolution	
On Center	± 0.076 mm / 0.003 in
Within Box	± 0.127 mm / 0.005 in
Minimum Height	0 mm/0 in
Maximum Height	30 mm/3.5 in
Nominal Standoff distance	85 mm/3.35 in
Output	UPD, TCP/IP, Digital I/O Data Logging
Dimension	
Sensor	(w x h x d) 25.4 x 25.4 x 177.8 mm, 2 x 2 x 7 in
Processor	(w x h x d) 166 x 48 x 157 mm, 6.5 x 1.9x 6.2 in
Input voltage	12V
Input current	5A
Environmental	
Storage Temperature	-10° C to +70° C
Operating Temperature	+5° C to + 50° C