

# GRIDBOTS GEOMETRIC CAM

www.gridbots.com

## PRECISE - NON-CONTACT - AGILE MEASUREMENT SYSTEM

Gridbots Geometric Cam can be used for non-contact precise measurements of objects ranging from 10-2500 mm within a tolerance of 10 Micron onwards and with a speed of upto 1000 parts per minute.

It can provides fast, easy, consistent measurements for industrial and research uses. With automatic edge and orientation detection, sub pixel processing, in-built lens aberration, large depth of view taking measurements have never been so easy.

The system uses multi Mega-Pixel cameras and provides unmatched size measurements capabilities with very high accuracies.

With integrated data management and autorecording of data, tracking real time variations become possible.

It also comes with in option of intergrated non contact height measurement system



## TECHNICAL SPECIFICATIONS

### Model Series

GB-GCAMXXXX

### Pixel Size

6.0 x 6.0 $\mu$ m

### Max FOV

2500 mm x 2500 mm

### Accuracy

10 Micrometer Onwards

### Power Consumption

5W - 12 V

### No of measurements

Upto 1000 per minute

### Interface

USB

AUTOMATIC PART RECOGNITION WITH POSITION AND ORIENTATION	AUTOMATIC EDGE DETECTION	SUB PIXEL PROCESSING
HEIGHT MEASUREMENT OPTION	EASY SETUP	INTEGRATED DATA MANAGEMENT