

5000HD DIMENSIONING BEST PRACTICES

The Dimensioning feature provides on screen measurements in Metric or Imperial. There are 3 display options:

- **Axis:** provides the measurements on the x and y axis.
- **Grid:** same as the Axis but with added grid lines.
- **Ruler:** provides an onscreen measuring tool. Use the ends of the ruler to adjust the points of measurement.

Both the Axis and Grid will center automatically on the laser guide.



CAMERA POSITIONING

- Center the object in the middle of the screen and position the laser dot on the object you wish to measure.
- Keep within the recommended range for accurate* measurements.
 - Range of measurements to object:
 - 6 to 50 cm (2.5 – 20")
 - With Macro lens attached: 4 to 10 cm (1.5 – 4")
- Keep the camera straight and parallel to the object you are measuring.
- If the Distance measurement is rapidly changing on the screen, Tap the display to re-focus the lens.
- If the ruler is enabled but is not visible on-screen, press and hold the Ruler tool button to center it on-screen.

*Dimensioning accuracy is within +/- 5% of the measurement (or 1mm) whichever is greater, when you are within the recommended range.

5000HD DIMENSIONING BEST PRACTICES

LIGHTING

- Image capture performs best in well lit areas, but if it is too bright the laser guide may not be detected.
- Turn on Illumination in low lit areas to capture images.

SUBJECT MATTER

- Curved surfaces may provide inaccurate measurements.
 - When possible, avoid measuring curved surfaces because accuracy decreases due to poor laser reflections from the curvature. Also, all points on a curved surface are not within the same plane.
- Shiny objects may not register a response or may register an inaccurate reading.

VIEWING DIMENSIONING DATA

Once the dimensioning data has been captured within an image or recording, it can be shown when viewing the file in My Files.

- Dimensioning will be played back when Recordings are made with dimensioning enabled.
- When viewing an image, you can Zoom in and pan across the view using the two-fingers drag gesture.

