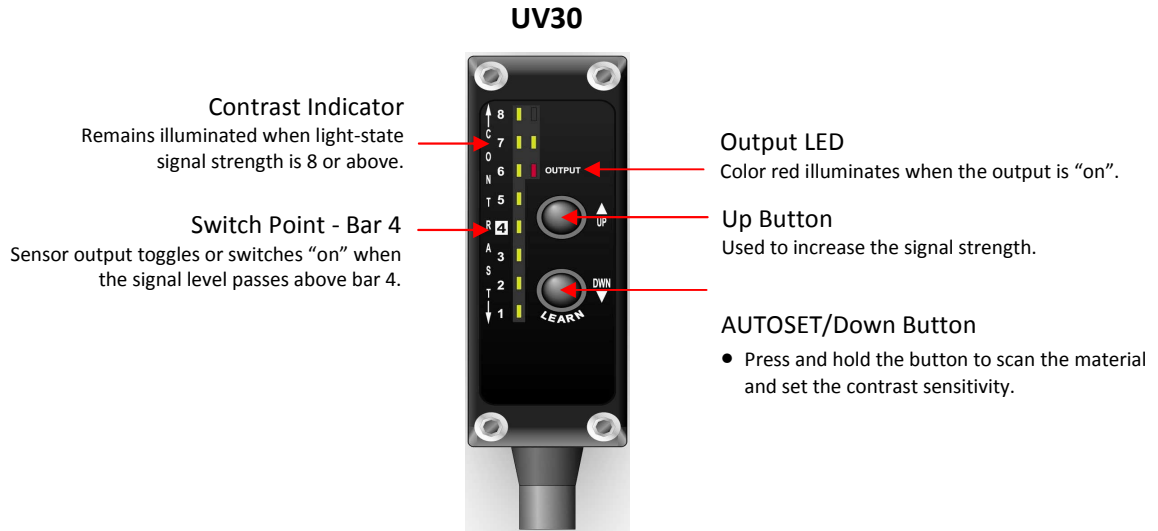
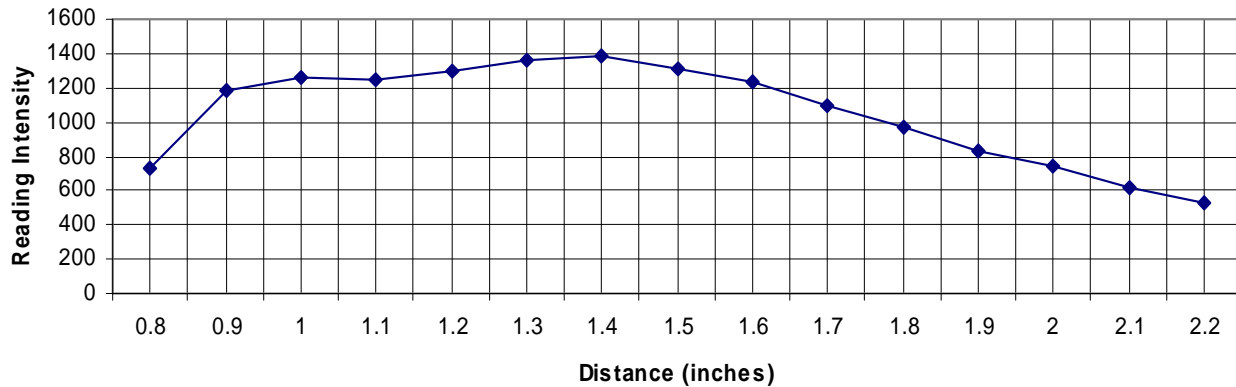









UV Detection - UV30 (Part #10130005 and 10130006)



Reading Intensity with Respect to Distance



Light Spot Size at Varied Distances

Distance (inches)						
1.0	1.2	1.4	1.6	1.8	2.0	2.2
						
.09	.11	.15	.19	.22	.27	.30
Light Spot (inches)						

Program Setup

- Mount the UV30 sensor 2.00" - 3.00" from the material to be scanned.
- The light spot is approximately .1" in diameter at a focal distance of 1". At 2.2" the diameter is approximately .3".

Two options for setup. Choose only one setup option.

UV30, cont'd

Learn Background Level (Option 1)

1. Learn the level of the background. Press and hold the AUTOSET button. Hold the button until the light bars on the contrast indicator move towards each other. This will set the contrast sensitivity to the switching point (bar 4). The sensor will output when the signal level passes above bar 4.
2. Release the AUTOSET button.
3. Press the down button to decrease the sensitivity to turn off the output LED when the light spot is on the background.

Note: When adjusting the sensitivity, repeatedly tap the up and down buttons to set the desired sensitivity.

Do not hold the buttons down.

Learn Glue UV Level (Option 2)

1. Learn the UV level of the material to be scanned. Press and hold the AUTOSET button. Hold the button until the light bars on the contrast indicator move towards each other. This will set the contrast sensitivity to the switching point (bar 4). The sensor will output when the signal level passes above bar 4.
2. Release the AUTOSET button.
3. Press the up button to increase the sensitivity to turn on the output LED when the light spot is on the UV material.

Note: When adjusting the sensitivity, repeatedly tap the up and down buttons to set the desired sensitivity.

Do not hold the buttons down.