

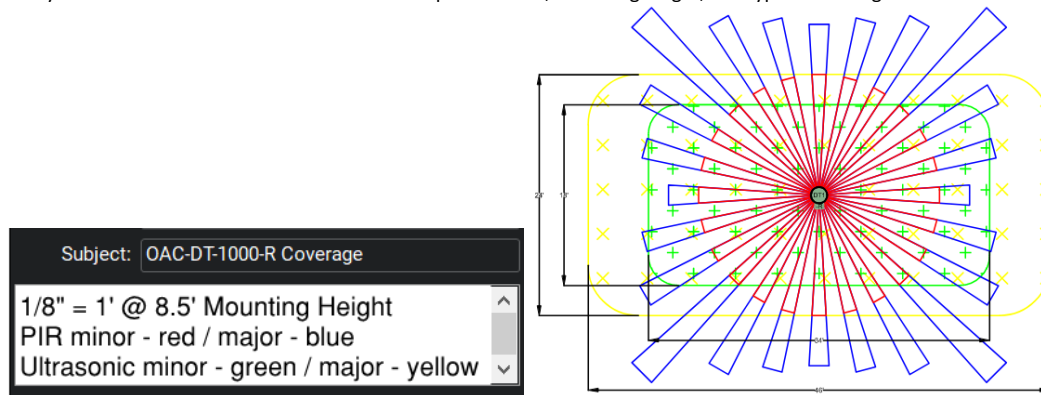
BlueBeam - Instructions for Sensor Coverage Pattern Toolbox

Auto Scaling the Toolkit Sensors:

1. Scale your drawing in BlueBeam before using the sensor coverage pattern toolbox, so the patterns auto scale to whatever scale is being used. However, there may be an instance where the coverage patterns will need to be re-sized manually.
 - o The Toolbox scale is set to $1/8" = 1'-0"$ which is the most common drawing scale. However, most electrical drawings will specify the drawing scale used.
2. Once the drawing is scaled, validate the drawing is measuring correctly.
 - o Common practice is to use 2'x4' fixture or a typical 3' door measurement. You should verify both vertical & horizontal measurements for accuracy.
 - o If you have not yet set the page scale, you will be prompted to do so when you place the first measurement.
3. Scale and page size are shown in BlueBeam if the Status Bar is activated. You can go to **Tools > Toolbars > Status Bar** or press **F8** to activate the Status Bar.

$1/8" = 1'-0"$ 42.00 x 30.00 in

4. Each sensor coverage pattern has at least one measurement shown to validate the page scale & sensor dimensions are matching. You should only have to validate once per document. NOTE: Using the toolbox "Set Scale" feature can affect the coverage patterns size.
5. Each symbol has a comment field that includes the pre-set scale, mounting height, and type of coverage shown.

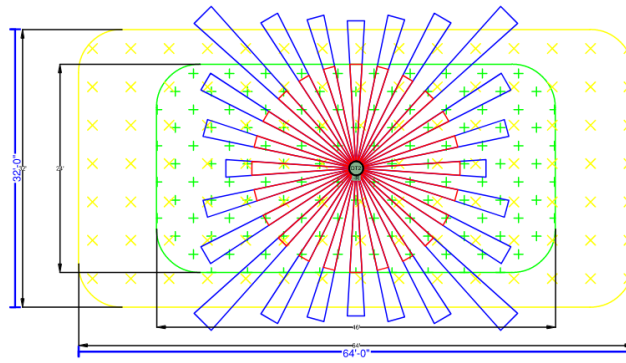


Manually Scaling the Toolkit Sensors:

1. If the auto scale does not work, you can manually scale the sensors you will be using on that project.
2. Select and place each of the sensor(s) going to be used on the properly scaled drawing.
3. If using more than one sensor, select all and group the sensors together to resize them all at once.
4. Draw a line the length of one of the vertical and horizontal coverage dimensions.



5. Select the group of sensors to be re-sized. Use a corner of the symbol to increase or decrease the size of the coverage patterns to match the dimensions drawn per the page scale.



6. Ungroup if multiple sensors were done at once.