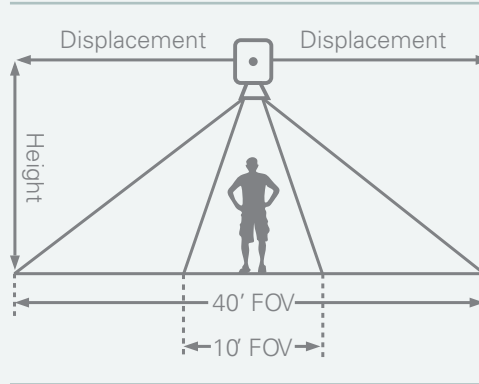


3VR BY IDENTIV VIDEO DATA PLATFORM COUNTING REFERENCE SHEET

COUNTING OPTIMIZATION

- **Application** — Count people, vehicles and other objects that pass through the camera's field of view. Common applications include building/room/garage entrances and exits.
- **Lighting** — Uniform lighting across the line is ideal. Harsh backlighting (bright conditions) and changes in lighting (e.g. shadows from afternoon sun) may lead to inaccurate counting.
- **Cameras** — Object counting works with both analog and IP cameras at any resolution. Dynamic gain compensation should be set to the lowest level. Use wide dynamic range cameras for outdoor lighting situations.
- **Mounting** — Cameras should be mounted as close to straight overhead as possible. See Mounting Diagram & Table.
- **Camera Field of View (FOV)**
 - Ideal FOV is between 10 and 40 feet (see Field of View image)
 - Position cameras so that persons or objects travel in a straight path across counting lines and do not significantly change size as they move through the FOV. In particular, be careful with extreme perspective changes caused by wide angle lenses.
 - Counting lines should not be set up on the outside edge of FOV
 - Lines obstructed by continuously moving objects (e.g. door, escalator, etc.), where people/objects cluster or where traffic flow comes to a stop, will lower counting accuracy. (See Field of View image)

MOUNTING

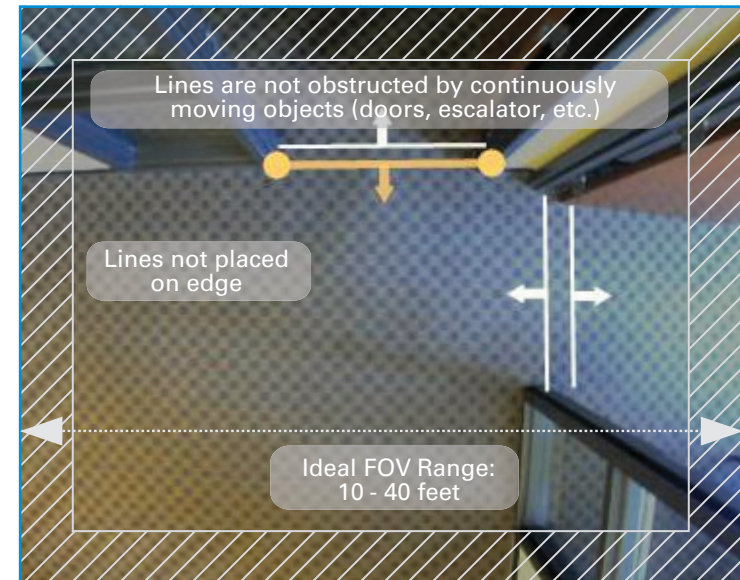


CAMERA MOUNTING GUIDELINES

Height	Max Displacement	Lens*
8'	3.6'	1.6 – 3.6mm
10'	4.5'	1.8 – 4.5mm
12'	5.4'	2.2 – 5.4mm
14'	6.3'	2.5 – 6.3mm

*For C-mount, 1/4" Sensor

FIELD OF VIEW



INSTANT COUNTING FEEDBACK

For instant feedback on counting, after inputting the live feed, installing the Counting plug-in, and setting up a line on the appropriate camera, click "View Current Count" under the Plugin Configuration properties in System Manager to see the status.

Version: CRS052011

Specifications to change without notice.
Visit www.3vr.com for up-to-date materials and information about 3VR products.