

How to Put Your Cameras on Purpose

With megapixel technology, you can now put your cameras on purpose. Decide what you want each to do:

- Facial Recognition
- License Plate Recognition
- General Surveillance

Based on the area, or Field of View (FOV) you would like to cover, you can choose the right megapixel resolution camera to achieve your objective or desired level of detail.

Facial and License Plate Recognition Chart										
		Field of View (FOV) in FEET (Horizontal Width)								
Camera Resolution	H PIXELS	10	15	20	25	30	35	40	45	50
		PIXELS PER FOOT (PPF)								
640x480	640	64	43	32	26	21	18	16	14	13
1.3MP	1280	128	85	64	51	43	37	32	28	26
2MP	1600	160	107	80	64	53	46	40	36	32
3 MP	2048	205	137	102	82	68	59	51	46	41
5 MP	2560	256	171	128	102	85	73	64	57	51
10 MP	3648	365	243	182	146	122	104	91	81	73
		Facial Recognition at 100+ Pixels per Foot								
		License Plate Identification at 45+ Pixels per Foot								
<p><i>Note: This chart does not determine the distance from the camera. The horizontal field of view can be obtained by specifying the appropriate lens. See the lens chart below.</i></p>										

http://www.cvreps.com/uploads/CV_Reps_-_Megapixel_PPF_FOV_H_Pixel_Calculator.xlsx



Images provided by Theia Technologies – www.theiatech.com/calculator