Lens Angle Comparison

The images below contain footage taken from a 2 MP camera. The vehicle is parked 70 feet from the camera.

Some cameras offer adjustable lenses in order to help capture the perfect angle. The digital zoom feature will allow you to blow up these images for more detail. Higher megapixel cameras will produce additional detail.

2.8 mm lens, 110° angle
This is the widest viewing angle you can achieve.

3.6 mm lens, 90° angle
This is the most popular and common lens size.

6 mm lens, 51° angle
This angle is not as wide as 2.8mm or 3.6mm, but you can see further in the distance.

12 mm lens, 29° angle
You can easily read a license plate from 70ft with the 12mm lens.

50 mm lens, 7° angle
You can view far away objects in close detail with a 50mm lens.