

# Rhodium Diamond Cameras P-Iris

## What are the advantages of it?

**P-Iris provides improvements in contrast, clarity, resolution and depth of field.**

Having a good depth of field where objects at different distances from the camera are in focus simultaneously- is important in the video monitoring of, such as a long corridor or parking lot.

In bright situations, P-Iris limits the closing of the iris to avoid blurring (diffraction) caused when the iris opening becomes too small.

This can typically happen in cameras that use DC-iris lenses combined with megapixel sensors that have small pixels.

Being able to avoid diffraction and at the same time benefit from an automatically controlled iris is highly valued in outdoor video surveillance applications.

A P-Iris lens uses a motor that allows the position of the iris opening to be precisely controlled. Together with software configuration to optimize the performance of the lens and image sensor, P-Iris automatically provides the best iris position for optimal image quality in all lighting conditions