

P-Iris Series

P-Iris (Precise Iris Control)

A P-Iris lens works together with software in the network camera to automatically provide the best iris position for optimal image quality in all lighting conditions. Images will be sharper, with better contrast, resolution and depth of field.

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

In very 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 in combination especially 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.



SPECIFICATION

P-Iris Series

Type	Megapixel	Day & Night Multi-Megapixel	
Model No.	LMVZ41M	LMVZ3510M-IR	LMVZ9020M-IR
Format Size	1/2"	1/2"	1/2"
Focal Length (mm)	4–10mm	3.5–10mm	9–20mm
Maximum Aperture (F)	F1.8	F1.6	F1.6
Iris	P-Iris	P-Iris	P-Iris
Horizontal Angle (°)	94.8–37.3	108.3–37.2	42.3–18.7
Minimum Objective Distance (M)	0.3	0.2	0.5
Mount	CS	CS	CS
Size (mm)	36.5 x 44 x 48	36.5 x 44 x 58.2	36.5 x 44 x 64
Weight (g)	96g	99g	102g