



- **Dual Iris**
- **3X Zoom AF**
- **1080P WDR**

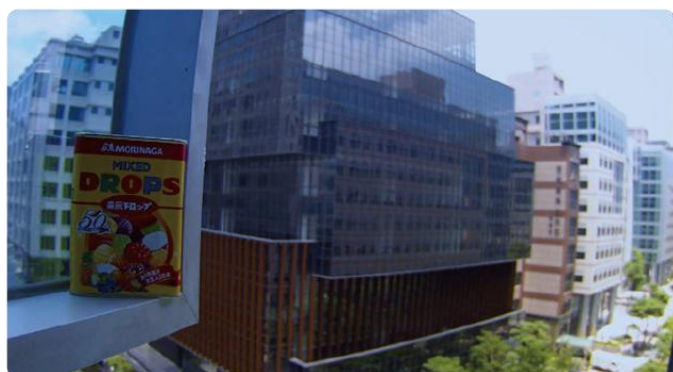


DynaColor proudly introduces the incorporation of the latest Dual-Iris (DC & P-Iris Support) function in our camera series. Since 2010, most surveillance cameras are being replaced by megapixel cameras which have smaller pixels that have lower ability to gather light compared to standard resolution cameras, therefore P-Iris support will be the revolutionary improvement for megapixel cameras to perform even better at providing optimal image resolution, clarity, and depth of field at the same time.

DynaColor cameras provide the best image quality in all lighting conditions having AF Lens working together with specialized software that is designed to optimize the performance of lens. DC driven iris is used to adjust the iris opening depending on the lighting level to optimized image quality. However, it does not take into account the fact that controlling the iris opening in that way does not provide the best image quality in terms of depth of field and sharpness. Therefore, P-Iris is incorporated in DynaColor cameras to resolve that problem. Unlike DC-iris, P-Iris not only takes lighting condition into factor when calculating iris opening but it determines the iris position so the optimized part of lens is used. This corrects the problem of having shallow depth of field when using traditional DC-Iris. Moreover, under strong light, cameras utilizing DC-Iris lens experience the problem of diffraction and blurring due to extreme small iris opening which can also be resolved in Dynacolor 3X AF lens/Dual-Iris models.

Comparison of the depth of view @ DC-Iris and P-Iris

DC-IRIS



P-IRIS

