



SY110

Megapixel Lens Ultra-wide - Day/Night - No Distortion

Features:

- Ultra wide horizontal field of view up to 120° provides greater security
- Patented Linear Optical Technology™ enables no barrel distortion for maximum resolution
- IR corrected for Day/Night cameras
- Supports multi megapixel resolution cameras for demanding applications
- Near and far objects continuously in focus without lens adjustment
- Available with CS-mount and with auto or manual iris

These lenses have been specially developed for MegaPixel cameras using Linear Optical Technology® which allow the creation of an ultra wide field of view without distortion. This distortion correction is done optically in the lens without the need for any additional imaging software.

Some examples of applications where these lenses could be utilised are:

Universities & Schools
External Car Parks
Parking entry points
Train & Tram Platforms
Power stations
Warehouses
Retail / Point of Sale areas



SY110

Technical Specifications

Lenses SY110A CS-mount DC-autoiris lens
SY110M CS-mount manual iris lens

Sensor size	1/4"	1/3"	1/2.5" *
Field of view (H)	94°	110°	120°
Field of view (V)	78°	94°	104°
Field of view (D)	107°	122°	130°

Lenses SY110A CS-mount DC-autoiris lens
SY110M CS-mount manual iris lens

Focal length	1.67mm
F/#	F/1.8 to closed
Resolution	Multi-Megapixel
Distortion (H)	<1% barrel (for 1/3" sensor)
Pan-focus distance	10cm to ∞

*Some vignetting may occur using a 1/2.5" sensor depending on sensor mechanical tolerance.



120° Without Distortion



Typically wide angle lens

Ordering Information

ADSY110A	1.7mm ultra wide angle MEGApix auto iris CS mount Day/Night IR corrected lens. Incorporates patented Linear Optical Technology which allows a very wide field of view without barrel distortion common in other wide angle lenses (Typically <1% distortion). Suitable for cameras of up to 3MP and for use with sensors up to 1/2". Note that images from 1/2" cameras should be cropped vertically to eliminate evidence of vignette (dark corners).
ADSY110M	1.7mm ultra wide angle MEGApix manual iris CS mount Day/Night IR corrected lens. Incorporates patented Linear Optical Technology which allows a very wide field of view without barrel distortion common in other wide angle lenses (Typically <1% distortion). Suitable for cameras of up to 3MP and for use with sensors up to 1/2". Note that images from 1/2" cameras should be cropped vertically to eliminate evidence of vignette (dark corners).

For further information on how ADT can help you, contact your local office or phone free on **0800 010 999** or visit us at www.adt.co.uk

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