

FUJINON

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The Fujinon TF8DA-8B Standard Definition 8.0mm lens is optimised for 1/3" 3-CCD / 3-CMOS cameras.

This is a well established lens with a special design for optimising the image quality of these cameras. Whilst the TF8DA-8B lens has a Standard Definition resolution it is regularly used where optimum colour reproduction is desired. This lens sees a great deal of use in Broadcast, Medical and other advanced monitoring applications using 1/3" 3-CCD / 3-CMOS cameras.

The optics of the TF8DA-8B also feature a low-distortion design which helps achieve accurate imaging. The TF8DA-8B lens has a compact, lightweight and robust design. It is a compact lens (29 x 39mm), weighs only 60 grammes and includes locking thumbscrews.

This lens is still extensively used with miniature 1/3" 3-CCD / 3-CMOS HD camera systems including:

Toshiba IK-HD1H 1/3" 3-CCD camera

Toshiba IK-HD3H 1/3" 3-CMOS camera

Please contact SeeSense for further details of the HD compatible C and CS-mount lenses we offer:

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Features:

- **8.0 mm lens**
- Integrates with 1/3" 3-CCD / 3-CMOS cameras
- Robust, precise and reliable mechanics
- M25.5 x 0.5 filter thread
- Low distortion design
- Bore alignment specification complements 3D camera systems.
- Weight 60 grammes

Specification:

Focal Length	8.0mm (8.23mm)
Image Format	1/3" 3-CCD / 3-CMOS
Adjustment	Manual iris and focus adjustment
Maximum Aperture	F2.2
Aperture Range	F2.2 - F16 Close (with detente)
Angle of View (HxV) (N.B. aspect Ratio 4:3)	33°24' x 25° 22'
Focussing Range	∞ - 0.1m (from Front of Lens)
Distortion	-1.32%
Minimum Object Distance	0.1m
Resolution	Standard definition
Back Focal Length	14.83mm (in air)
Flange Focal Length	17.526mm (in air)
Back Focus	Adjusted by loosening 3 grub screws.
Exit Pupil Distance	-178mm (from Image Plane)
Locking Screws	Three locations focus and iris
Filter Thread	M25.5 x 0.5 (inside)
Mount	C-mount (metal)
Weight (g)	60 grammes
Dimensions	29mm (Diameter) x 39mm (Length)

