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BASLER 2/3 STANDARD FIXED FOCAL LENSES

2/3", 2MP

2200000178
C23-0816-2M, 8.6mm, 2/3", C-Mount, 2MP



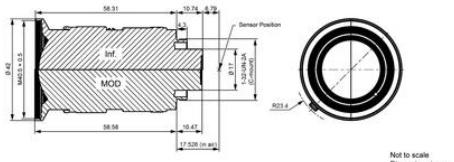
- Sensor size up to 2/3"
- Focal lengths up to 50mm
- 2MP resolution
- C-Mount lenses

PRODUCT DESCRIPTION

Basler's 2/3" Standard Fixed Focal Lenses are engineered for cost-effective, high-quality imaging in machine vision applications.Optimised for sensors up to 2/3" and resolutions up to 2 megapixels, these C-mount lenses are available in focal lengths ranging from 8.6 mm to 50 mm, with aperture ranges from F1.6 to F32, depending on the model.Constructed with robust metal housings and equipped with locking screws for iris and focus adjustments, they ensure stability and precision in various industrial environments.Designed to operate within a temperature range of -10°C to 60°C, they maintain performance across diverse conditions.These lenses are tailored for use with Basler cameras such as the ace, dart, and pulse series, providing seamless integration and reliable performance.
In practical applications, Basler's 2/3" Standard Fixed Focal Lenses are ideal for tasks requiring consistent image quality, such as electronics inspection, medical diagnostics, and traffic monitoring.Their design minimises distortion and vignetting, ensuring accurate image capture across the entire frame.The manual iris and focus controls allow for precise adjustments, catering to specific imaging requirements.With their combination of affordability, durability, and performance, these lenses are a versatile choice for a wide range of machine vision tasks.

TECHNICAL DATA

Aperture range max (f)	1.6
Aperture range min	16
Focal length	8.6 mm
Focus distance min	250 mm
Iris	Manual iris
Lens Barrel	C-Mount
Pixel size min	5.5 µm
Resolution max	2 MP
Sensor size max	2/3"
Type of lens	Fixed
Weight	136 g



Not to scale
Dimensions in mm