OEM Automatic Ltd
Address: Whiteacres, Whetstone Leicester, LE8 6ZG
0116 284 9900 | Orders@oem.co.uk | www.oem.co.uk

BASLER 1.0" STANDARD FIXED FOCAL LENSES

1", 2MP, 3MP & 8MP

2200000098
C10-0814-2M, 8mm, 1", C-Mount, 2MP



- Sensor size up to 1"
- Focal lengths up to 50mm
- 2MP, 3MP & 8MP resolutions
- C-Mount lenses

PRODUCT DESCRIPTION

Basler 1.0" Standard Fixed Focal Lenses are designed to deliver reliable performance with 1.0-inch image sensors, supporting resolutions up to 8 megapixels. These lenses offer fixed focal lengths ranging from 12 mm to 50 mm and are optimised for consistent sharpness, low distortion, and minimal chromatic aberration across the image field. Their C-mount design ensures easy integration with Basler and other industrial cameras, while manual iris control and locking screws for focus and aperture settings provide secure and repeatable adjustments, even in environments subject to vibration or temperature fluctuations. The robust mechanical build and compact size make these lenses ideal for space-constrained systems.
Basler 1.0" Standard Fixed Focal Lenses are well-suited for industrial inspection, robotics, and measurement systems that require dependable image quality. Their balance of performance and affordability makes them a strong choice for mid- to high-resolution imaging tasks, such as quality control in electronics manufacturing, barcode scanning in logistics, and alignment tasks in automated assembly lines. With consistent optical performance and industrial-grade durability, these lenses support accurate and efficient vision system operation across a variety of automation scenarios.

TECHNICAL DATA

Aperture range max (f)	1.4
Aperture range min	16
Focal length	8 mm
Focus distance min	100 mm
Iris	Manual iris
Lens Barrel	C-Mount
Pixel size min	7.6 µm
Resolution max	2 MP
Sensor size max	1"
Type of lens	Fixed
Weight	220 g