

INDUSTRIAL PRODUCT DATASHEET

M12 Fisheye Lens for reCamera - 5MP, 160°

Ultra-wide 1.8mm M12 fisheye lens for reCamera, providing 5MP resolution, 160° field of view, manual focus, and bright F1.8 aperture.

SKU	UPDATED	PRICE
100095034	2026-07-22 06:14:39	\$9.90(Excl. VAT)



Overview



The M12 Fisheye Lens for reCamera (5MP, 160°) is an ultra-wide 1.8mm M12 lens with manual focus and F1.8 aperture, delivering expanded scene coverage and clear imaging in diverse lighting. It supports direct lens replacement on reCamera HQ PoE Series and requires the reCamera 2002 Sensor Board for use with reCamera 2002/2002W Series; Gimbal Series is not supported.

Key Features

- Ultra-wide 1.8mm M12 lens designed for reCamera applications requiring expanded scene coverage and wider field-of-view monitoring.
- Features manual focus adjustment and a bright F1.8 aperture for flexible deployment and clear imaging performance across different lighting conditions.

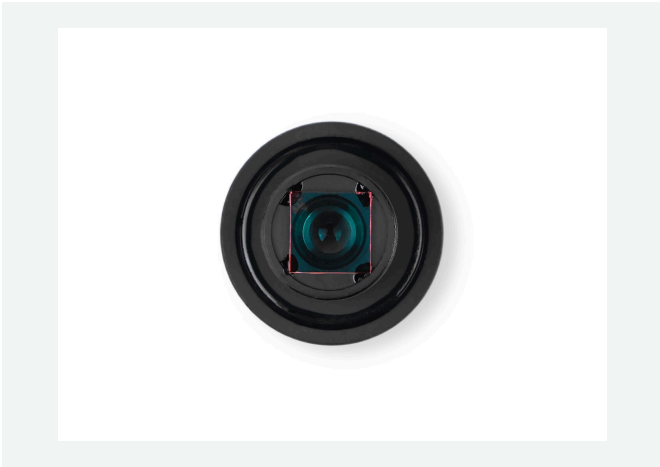
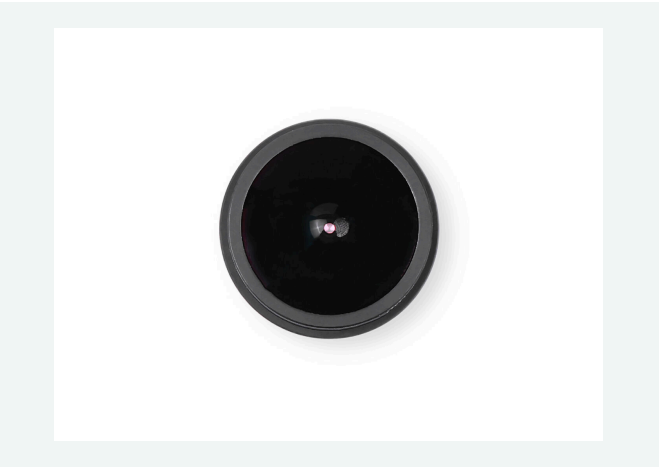
Note:

- For reCamera HQ PoE Series (**100029708/100018917**): Directly supports lens replacement.
- For reCamera 2002 / 2002W Series (**102991894/102991895/102991896/102991897**): Requires additional reCamera 2002 Sensor Board (**100041077**) for lens replacement.
- For reCamera Gimbal Series: Lens replacement is currently not supported.

The reCamera HQ PoE Series (**100029708/100018917**) comes with a default 2.9mm EFL lens; replacing it with this 22mm lens enables a significantly narrower field of view and much higher magnification for far-distance subjects. Accurate color reproduction for more natural and reliable visual perception in AI vision applications: 4 M12 lens options available, allowing flexible focal length selection for different deployment scenarios and field-of-view requirements.

- M12 Fisheye Lens for reCamera - 5MP, 160°
- M12 Wide Angle Lens for reCamera - 3MP, 140°
- M12 Telephoto Lens for reCamera - 5MP, 20°
- M12 Ultra Telephoto Lens for reCamera - 2MP, 15°

Product Gallery

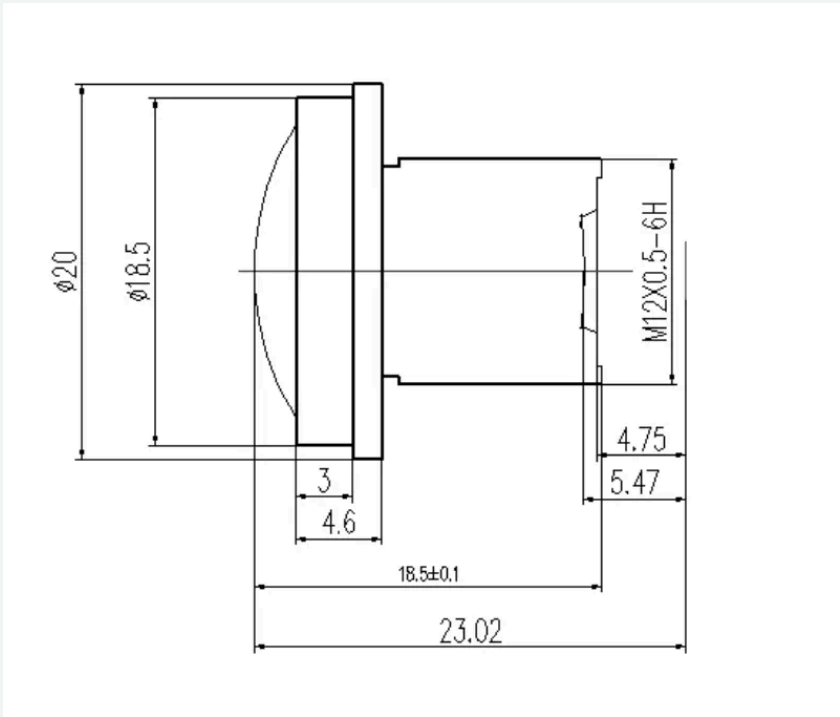


Specification

Specification	Parameter
Focal Length	1.8mm
Resolution	5MP
Image Format	1/2.9"
Aperture	F1.8
Mount	M12 × 0.5
HFOV	160°
Min Object Distance	0.2m
Focus	Manual
Back Focal Length	5.471 mm
Zoom	Fixed
MOD	0.2m
BFL	5.471mm
TTL	23.02mm
Dimension	Φ20 × 18.5mm

Weight	7g
Operating Temp	-20°C to +85°C

Hardware Overview



Part List

M12 Fisheye Lens for reCamera - 5MP, 160°	x1
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Compliance & Logistics

HSCODE	9002199000
USHSCODE	9002190000
UPC	
EUHSCODE	9405413910
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/J0018027B-p-6647.html>
- [M12 Fisheye Lens for reCamera - 5MP, 160° Datasheet](#)
- [Resource](#)

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