

INDUSTRIAL PRODUCT DATASHEET

M12 Wide Angle Lens for reCamera - 3MP, 140°

2.5mm M12 wide-angle lens with 3MP, 140° field-of-view, manual focus, and F2.2 aperture for reCamera applications requiring wide area monitoring.

SKU

100076570

UPDATED

2026-07-17 10:18:58

PRICE

\$7.90(Excl. VAT)



Overview



The M12 Wide Angle Lens for reCamera is a 2.5mm M12 lens delivering 3MP resolution and a 140° field-of-view for broad scene coverage. It features manual focus adjustment and an F2.2 aperture to ensure clear imaging across various lighting conditions.

Key Features

- Wide-angle 2.5mm M12 lens designed for reCamera applications requiring broad scene coverage and wide field-of-view monitoring
- Features manual focus adjustment and an F2.2 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.

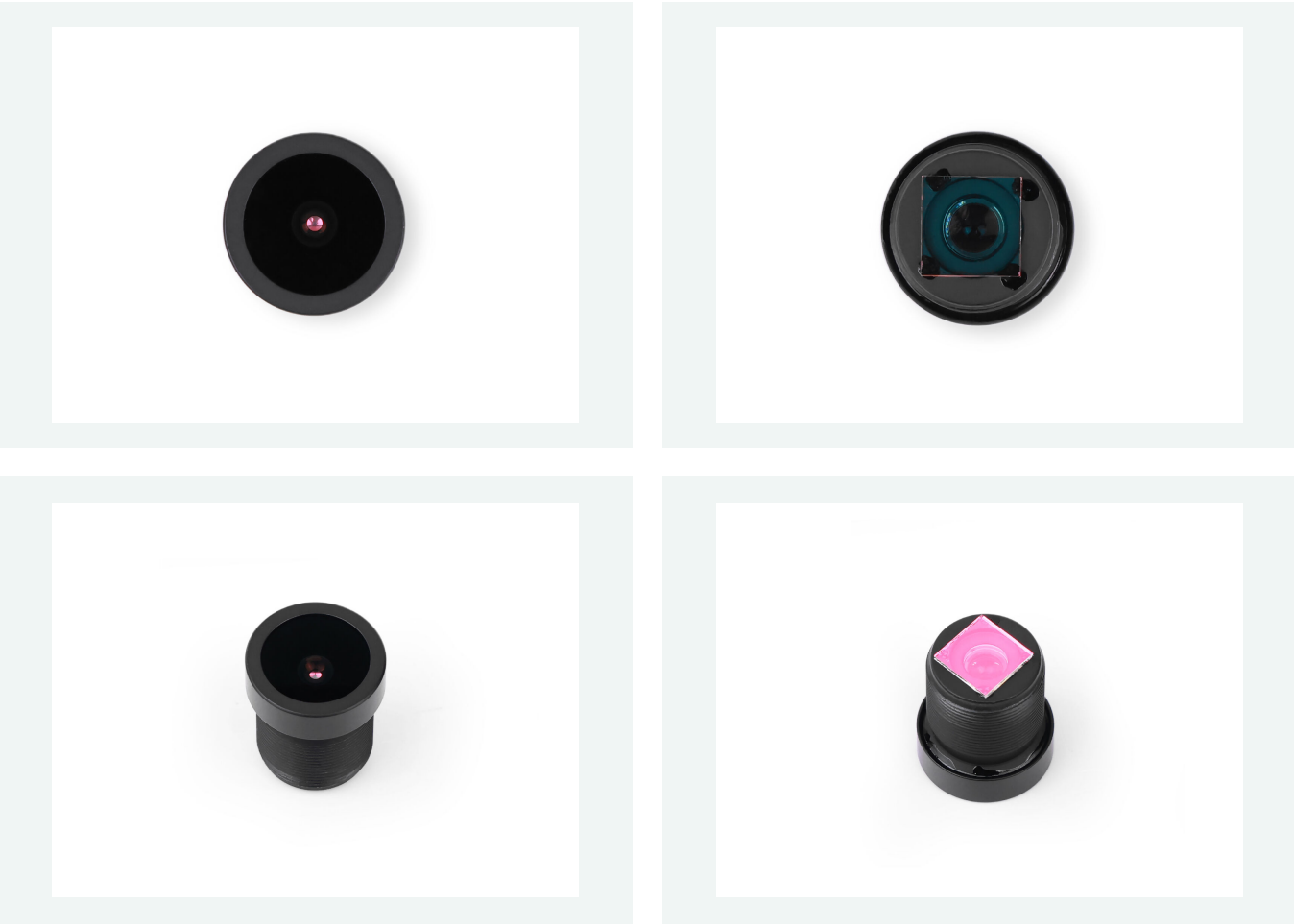
The reCamera HQ PoE Series (**100029708/100018917**) comes with a default 2.9mm EFL lens; replacing it with this 22mm lens enables a significantly narrower field of view and much higher magnification for far-distance subjects

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°

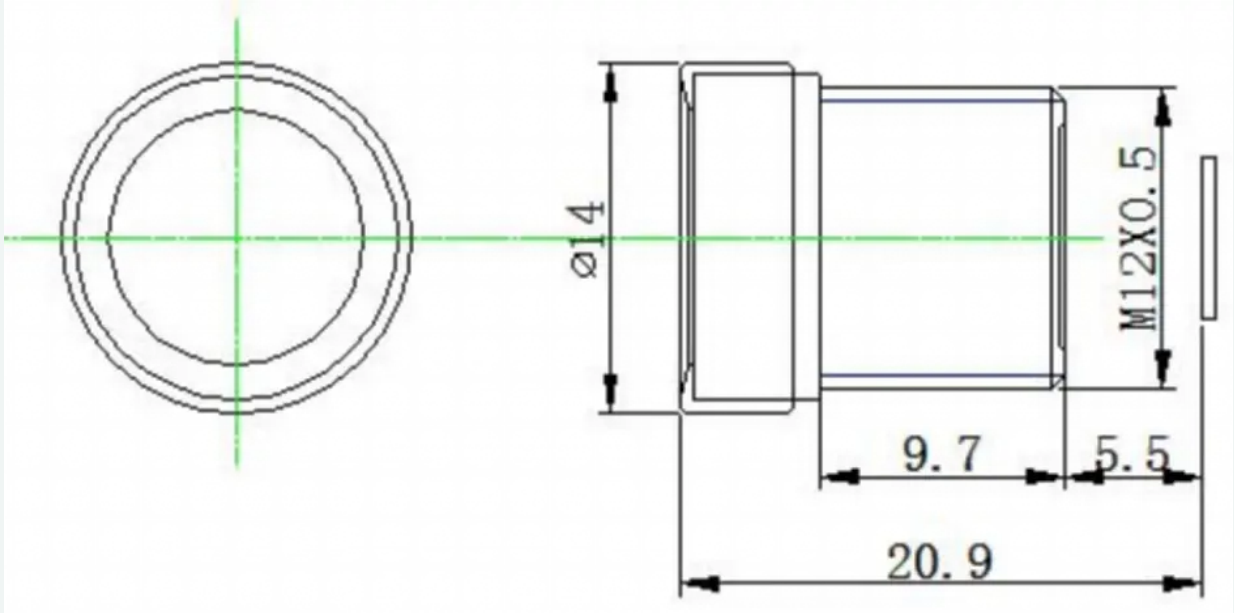
Product Gallery



Specification

Specification	Parameter
Focal Length	2.5mm
Resolution	3MP
Image Format	1/2.9"
Aperture	F2.2
Mount	M12 × 0.5
HFOV	140°
Min Object Distance	0.2m
Focus	Manual
Back Focal Length	5.8 mm
Zoom	Fixed
MOD	0.2m
BFL	5.8mm
Dimension	Φ14 × 15.5mm
Operating Temp	-20°C to +75°C

Hardware Overview



Part List

M12 Wide Angle Lens for reCamera - 3MP, 140°	x1
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Compliance & Logistics

HSCODE	9002199000
USHSCODE	9002190000
UPC	
EUHSCODE	9405413910
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/JY-127A025FB-3MP-p-6644.html>
- [M12 Wide Angle Lens for reCamera - 3MP, 140° Datasheet](#)
- [Resource](#)

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