seeed studio

INDUSTRIAL PRODUCT DATASHEET

# 50mm 8MP Telephoto Lens for Raspberry Pi High Quality Camera with C-Mount

50mm 8MP Telephoto Lens for Raspberry Pi High Quality Camera with C-Mount featuring a narrow angle of view, adjustable aperture from F1.4, adjustable focus ring, thumbscrew adjustment, and protective covers.

| SKU | UPDATED | PRICE |
| --- | --- | --- |
| 114992276 | 2026-09-02 01:02:56 | $41.90(Excl. VAT) |



# Overview




The 50mm 8MP Telephoto Lens for Raspberry Pi High Quality Camera with C-Mount provides a narrow angle of view suitable for viewing distant subjects. It includes an adjustable aperture from F1.4, an adjustable focus ring, thumbscrew adjustment for easy fitting, and front and back covers for protection.

# Key Features

- Narrow angle of view suitable for viewing distant subjects
- Adjustable aperture from F1.4
- Adjustable focus ring to better focus subjects
- Thumbscrew Adjustment for easy fitting
- Front and back covers for protection

# Product Gallery












## Specification

| | |
|---|---|
| Image Format | 1" |
| Focal Length | 50mm |
| Back Focal Length | 17.53mm |
| Optical Length | 69.53mm |
| Resolution | 8 Megapixel |
| Aperture | F1.4 - F16 |
| Mount | C |
| Field of View | 1" - 14.5°x10.8°<br>2/3" - 10°x7.5°<br>1/1.8" - 8.2°x6.2°<br>1/2" - 7.3°x5.5° |
| Min Object Distance | 0.3m |
| Focus | manual |
| Iris | Manual |
| DIstortion | -0.25% |
| Dimensions (Diameter,Height) | 39, 52mm |

| | | | | |
|---|---|---|---|---|
| | 113990818 | 101990643 | 114992274 | 114992278 |
| Image Format | 1/2" | 1" | 1/2" | 1/2.3" |
| Focal Length | 6mm | 16mm | 25mm | 8mm 50mm |
| Resolution | 3 Megapixel | 10 Megapixel | 10 Megapixel | 8 Megapixel |
| Aperture | F1.2 | F1.4 to F16 | F1.4 to F16 | F1.4 to F16 |
| Mount Type | CS | C | C | C |
| Angle of View | 63° | 1" 44.6°× 33.6°<br>2/3" 30.0°× 23.2°<br>1/1.8" 24.7°× 18.6°<br>1/2" 21.8°× 16.4° | 19.6° | Wide: 54.8° x 40.9°<br>Tele: 6.42° x 4.80° |
| Minimum Object Distance | 0.2m | 0.2m | 0.3m | 0.5m |

# Part List

| | |
|---|---|
| Image Format | 1" |
| Focal Length | 50mm |
| Back Focal Length | 17.53mm |
| Optical Length | 69.53mm |
| Resolution | 8 Megapixel |
| Aperture | F1.4 - F16 |
| Mount | C |
| Field of View | 1" - 14.5°x10.8°<br>2/3" - 10°x7.5°<br>1/1.8" - 8.2°x6.2°<br>1/2" - 7.3°x5.5° |
| Min Object Distance | 0.3m |
| Focus | manual |
| Iris | Manual |
| DIstortion | -0.25% |
| Dimensions (Diameter,Height) | 39, 52mm |

| | 113990818 | 101990643 | 114992274 | 114992275 | 114992276 | 114992 |
|---|---|---|---|---|---|---|
| Image Format | 1/2" | 1" | 1/2" | 1/2" | 1" | 1/2.3" |
| Focal Length | 6mm | 16mm | 25mm | 35mm | 50mm | 8-50m |
| Resolution | 3 Megapixel | 10 Megapixel | 10 Megapixel | 10 Megapixel | 8 Megapixel | 3 Mega |
| Aperture | F1.2 | F1.4 to F16 | F1.4 to F16 | F1.7 to F16 | F1.4 to F16 | F1.4 to |
| Mount Type | CS | C | C | C | C | C |
| Angle of View | 63° | 1" 44.6°× 33.6°<br>2/3" 30.0°× 23.2°<br>1/1.8" 24.7°× 18.6°<br>1/2" 21.8°× 16.4° | 19.6° | 14.3*10.7° | 14.5*10.9° | Wide:<br>Tele: 6. |
| Minimum Object Distance | 0.2m | 0.2m | 0.3m | 0.35m | 0.5m | 0.5m |

# Compliance & Logistics

| | |
|---|---|
| HSCODE | 9002113900 |
| USHSCODE | 9002114000 |
| UPC | 841454123309 |
| EUHSCODE | 9405413910 |
| COO | CHINA |

# Resource Links

- https://www.seeedstudio.com/8MP-50mm-C-Mount-Lens-for-Raspberry-Pi-High-Quality-Camera-p-4624.html

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