

100X Microscope Lens (C/CS-Mount)

Product Name

100X Microscope Lens C/CS Mount Microscope Lens (RS9270)

High-magnification industrial lens compatible with Raspberry Pi HQ Camera and other C/CS-mount systems.

Product Overview

This **100X microscope lens** offers exceptional magnification for detailed close-up imaging and inspection. Designed with a **C/CS-mount** and included adapter, it attaches seamlessly to the **Raspberry Pi High Quality Camera** or other compatible C/CS-mount camera systems, making it ideal for **industrial inspection, scientific research, microscopy projects, and educational applications**.

Key Features

-  **High Magnification:** Delivers up to **100X magnification** for clear, detailed imaging of tiny subjects.
 -  **Industrial-Grade Optics:** Built for precision with low distortion and sharp imaging quality.
 -  **C/CS Mount Compatibility:** Works with standard C/CS-mount cameras such as Raspberry Pi HQ Camera (adapter included).
 -  **Wide Operating Distance:** Effective working range from **55 mm to 285 mm** depending on setup requirements.
 -  **Compact Design:** Lens dimensions approx. **Φ39 × 112 mm** for easy integration into project builds.
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Technical Specifications

Specification	Details
Mount Type	C/CS-mount (adapter included)
Optical Magnification	0.12X ~ 1.8X (equivalent 100X capability in use)
Image Format	1/2"
Zoom Ratio	15:01
Operating Distance	55 – 285 mm
Object Distance	2.4 – 36 mm
Distortion	< –0.1 %
Lens Structure	Aluminum alloy housing with multiple elements
Dimensions	Φ39 × 112 mm

Package Includes

- ✓ 1 × 100X Microscope Lens with C/CS-mount adapter