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# Focal Length Lens Calculator

- [Focal length](#)

Sensor size (CCD/CMOS)

Sensor width/height in mm  mm

Distance
mm
▼

Width
▼
of Object
mm
▼

Calculated focal length

calculate

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The focal length calculation is made with a simple formula, based on a single lens system and so the result is an approximation.

Conventional lenses are composed of multiple lenses in lens groups, therefore, results may differ in practice. Under certain circumstances, the use of extension rings may be necessary to enable sharp images at short object distances.

For a more detailed calculation, please contact support.

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