

Basler Accessories



Technical Specification

LENS TS1614-MP F1.4 f16mm 1"

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2200000100

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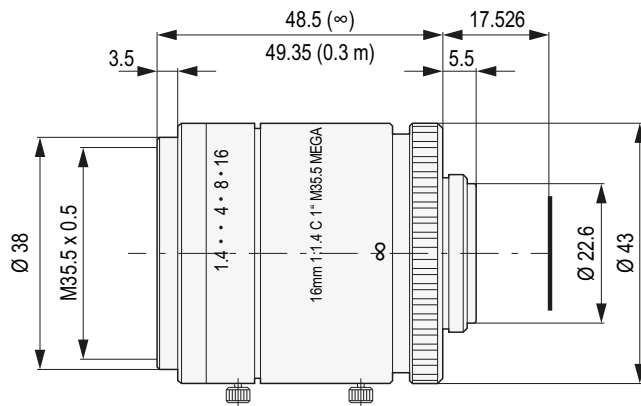
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Order Number	Description	Applicable Cameras
2200000100	Lens TS1614-MP F1.4 f16mm 1"	C-mount cameras with sensors of up to 1"

Table 1: Lens Type



Dimensions in mm

Fig. 1: Lens Overview

Image Format	1"
Focal Length	16 mm
Aperture Range	<i>f</i> /1.4– <i>f</i> /16
Angle of View	Horizontal: 44.25° Vertical: 33.56°
Resolution	MP
TV Distortion	-1.028 % (on 1" sensor)
Focus Range	0.3 m to infinity
Back Focal Length	12.14 mm in air
Flange Back	17.526 mm
Operation	Focus: manual with locking screw Iris: manual with locking screw
Lens Mount	C-mount
Filter Screw	M35.5 x 0.5
Dimensions	43 mm x 49.35 mm (max.)
Weight	170 g (approx.)
Operating Temperature	-10–50 °C

Table 2: Specifications

Revision History

Doc. ID Number	Date	Changes
DG00179201000	23 Jan 2017	Initial release of this document.