

Basler Accessories



Technical Specification

LENS TS0814-MP F1.4 f8mm 1"

Order Number

2200000098

Document Number: DG001790

Version: 01 Language: 000 (English)

Release Date: 23 January 2017

Contacting Basler Support Worldwide

Europe, Middle East, Africa

Basler AG
An der Strusbek 60–62
22926 Ahrensburg
Germany

Tel. +49 4102 463 515
Fax +49 4102 463 599

support.europe@baslerweb.com

The Americas

Basler, Inc.
855 Springdale Drive, Suite 203
Exton, PA 19341
USA

Tel. +1 610 280 0171
Fax +1 610 280 7608

support.usa@baslerweb.com

Asia-Pacific

Basler Asia Pte. Ltd.
35 Marsiling Industrial Estate Road 3
#05–06
Singapore 739257

Tel. +65 6367 1355
Fax +65 6367 1255

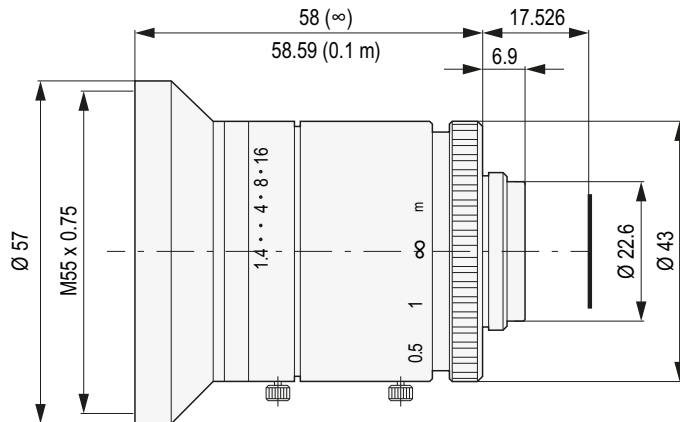
support.asia@baslerweb.com

www.baslerweb.com

All material in this publication is subject to change without notice and is copyright Basler AG.

Order Number	Description	Applicable Cameras
2200000098	Lens TS0814-MP F1.4 f8mm 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	8 mm
Aperture Range	<i>f</i> /1.4– <i>f</i> /16
Angle of View	Horizontal: 79.66° Vertical: 62.62°
Resolution	MP
TV Distortion	-1.02 % (on 1" sensor)
Focus Range	0.1 m to infinity
Back Focal Length	11.65 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	M55 x 0.75
Dimensions	57 mm x 58.59 mm (max.)
Weight	214 g
Operating Temperature	-10–50 °C

Table 2: Specifications

Revision History

Doc. ID Number	Date	Changes
DG00179001000	23 Jan 2017	Initial release of this document.