

Basler Accessories



Technical Specification

LENS TS1614-MP F1.4 f16mm 1"

Order Number

2200000100

Document Number: DG001792

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

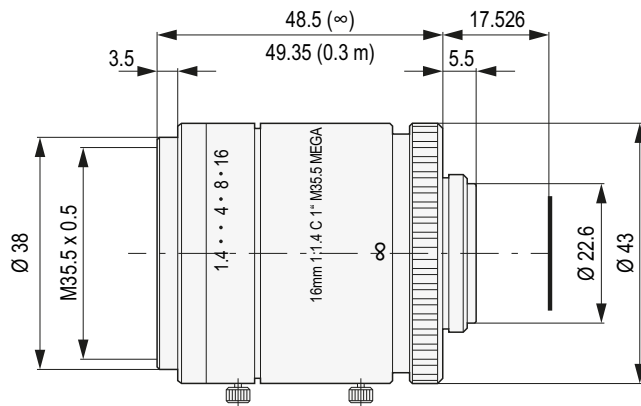
support.asia@baslerweb.com

www.baslerweb.com

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

| Order Number | Description | Applicable Cameras |
|--------------|------------------------------|--|
| 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. |