

Scout scA1400-17 2/3" CCD GigE Monochrome Camera

#87-572



The Basler Scout family offers a wide variety of resolutions and speeds. With their new Gigabit Ethernet (GigE) and FireWire.b interface technologies, these cameras are defined by state of the art technology that lets you get the maximum performance from each sensor. The Basler Scout family features a GenICam compliant API and uses new drivers. FireWire.b cameras are also compatible with Basler's existing BCAM driver and API for FireWire cameras. Along with the drivers, GUI based software is provided that lets users easily set camera parameters, adjust image quality, and control cameras from a remote computer. Basler Scout cameras are a perfect fit for vision applications including semiconductor and component inspection, manufacturing quality control, food and beverage inspection, intelligent traffic systems, microscopy and medical imaging, and biometrics.

General

Type:	Monochrome Camera
Manufacturer:	Basler
Camera Family:	Scout
Model Number:	scA1400-17

Physical & Mechanical Properties

Dimensions (mm):	73.7 x 44 x 29 (excludes connectors and lens mount)
Weight (g):	170
Housing:	Full

Sensor

Image Buffer:	Not Specified
Imaging Sensor:	Sony ICX285
Type of Sensor:	Progressive Scan CCD
Type of Shutter:	Global
Camera Sensor Format:	2/3"
Resolution (MegaPixels):	1.40
Pixels (H x V):	1,392 x 1,040
Pixel Size, H x V (µm):	6.45 x 6.45
Sensing Area, H x V (mm):	9.0 x 6.7
Frame Rate (fps):	17.00
Pixel Depth:	8/12 bit
Exposure Time:	Via Software
Dynamic Range (dB):	67.7
Machine Vision Standard:	GigE Vision, GenICam

Electrical

Power Consumption (W):	3.5
------------------------	-----

Hardware & Interface Connectivity

Video Output:	GigE
Connector:	GigE, RJ45 with Screw Locks
Power Supply:	Power Supply Required and Sold Separately: USA: #59-655
	Europe: #59-655
	Japan: #59-655
	Korea: #59-655
	China: #59-655
GPIOs:	2 opto-isolated inputs, 4 opto-isolated outputs
Synchronization:	Hardware Trigger (GPIO) or Software Trigger
Interface Port Orientation:	Back Panel
GPIO Connector Type:	12-pin Hirose (HR10)

Threading & Mounting

Mounting Threads:

 $\frac{1}{4}$ -20 with Tripod Mount Adapter [#59-647](#)

Mount:

C-Mount

Environmental & Durability Factors

Operating Temperature (°C):

0 to +50

Storage Temperature (°C):

-20 to +80

ERROR: There are no stock numbers to display!

Edmund Optics, Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 800-363-1992 | Compliance@edmundoptics.com

Close Window

ERROR: There are no stock numbers to display!

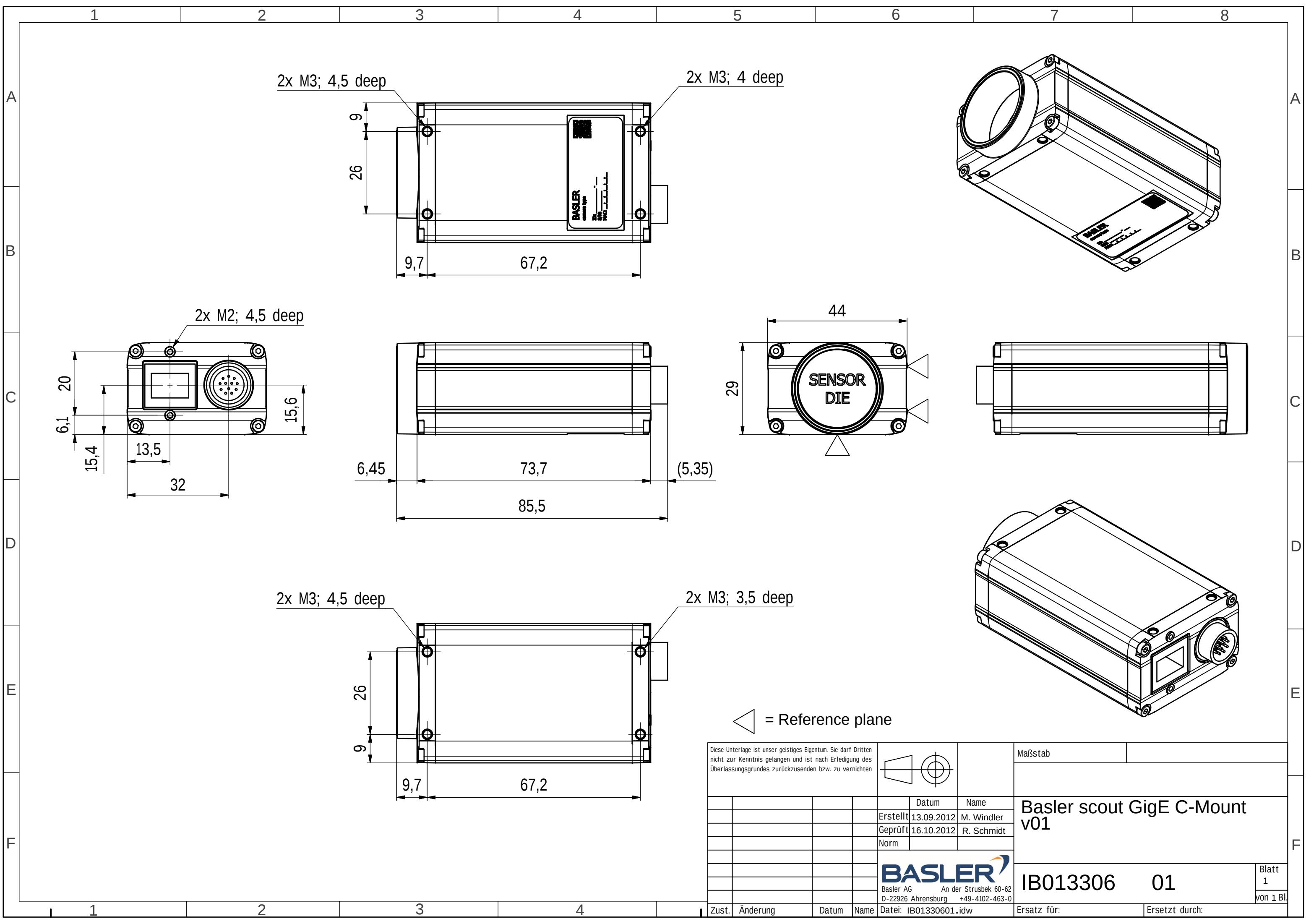
Edmund Optics, Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 800-363-1992 | Compliance@edmundoptics.com

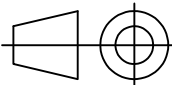
Close Window

ERROR: There are no stock numbers to display!

Edmund Optics, Inc. - 101 E Gloucester Pike, Barrington, NJ 08007 | 800-363-1992 | Compliance@edmundoptics.com

Close Window



Diese Unterlage ist unser geistiges Eigentum. Sie darf Dritten nicht zur Kenntnis gelangen und ist nach Erledigung des Überlassungsgrundes zurückzusenden bzw. zu vernichten						Maßstab	
				Datum	Name	Basler scout GigE C-Mount v01	
				Erstellt 13.09.2012	M. Windler		
				Geprüft 16.10.2012	R. Schmidt		
				Norm		IB013306 01	
						Blatt 1 von 1 Bl.	
				Basler AG An der Strusbek 60-62 D-22926 Ahrensburg +49-4102-463-0			
Zust.	Änderung	Datum	Name	Datei: IB01330601.idw		Ersatz für:	Ersetzt durch: