

## BASLER BLAZE TIME OF FLIGHT CAMERA

ToF 3D Camera

BASLER TOF  
Basler Time of Flight

- Resolution 640x480
- Speed up to 30 fps
- Large measuring area
- IP67 protection class (blaze)
- GigE Vision, GenICam, GenTL compliant



### PRODUCT DESCRIPTION

Basler Blaze Time-of-Flight (ToF) 3D Camera provides you with a 2D and a 3D image in one shot, offering an attractive solution for a wide variety of applications including logistics, factory automation, and biometrics.

Operating on the pulsed Time-of-Flight principle, the Basler Blaze camera offers high resolution VGA, with Sony's DepthSense™ technology. The large measuring range can cover approximately two Euro pallets or a small car, with accuracy almost millimetre accurate in time-of-flight measurement. Additionally, thanks to its compact design and Gigabit Ethernet it is easily integrated into a system, with user-friendly and platform-independent programming.

How Does a Time-of-Flight (ToF) Camera Work?

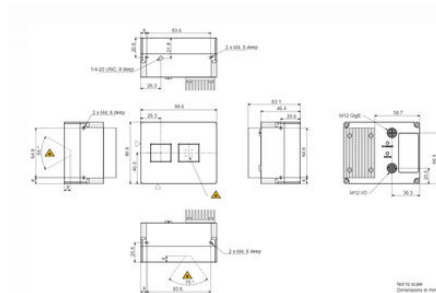
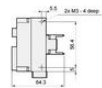
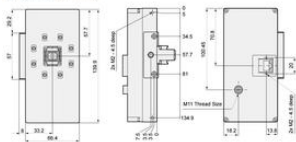
A Time-of-Flight camera works by measuring the time the light needs to travel from the light source to an object/s and then back to the camera, by synchronising both the light source and image acquisition, the distances can be extracted and calculated from the image data.

### SPECIFICATIONS

<b>Approvals</b>	CE, FCC, GenICam, GigE Vision, RoHS
<b>Digital Inputs</b>	1
<b>Digital Outputs</b>	1
<b>Frame Rate Max</b>	20 fps
<b>IP Class</b>	IP30

<b>Lens Barrel</b>	S-mount
<b>Mono/Color</b>	Mono
<b>Power Consumption</b>	15 W
<b>Resolution</b>	VGA
<b>Resolution Max</b>	640x480
<b>Sensor size</b>	1/4"
<b>Sensor supplier</b>	Panasonic
<b>Sensor type</b>	CCD
<b>Supply Voltage</b>	24 V
<b>Temperature range to</b>	50 °C
<b>Weight</b>	0,4 kg

Dimensions (in mm)



NOT TO SCALE  
Dimensions in mm