

## 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 comliant

## 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**

Approvals	CE, FCC, GenlCam, GigE Vision, RoHS
Digital Inputs	1
Digital Outputs	1
Frame Rate Max	20 fps
IP Class	IP30

Lens Barrel	S-mount
Mono/Color	Mono
Power Consumption	15 W
Resolution	VGA
Resolution Max	640x480
Sensor size	1/4"
Sensor supplier	Panasonic
Sensor type	CCD
Supply Voltage	24 V
Temperature range to	50 °C
Weight	0.4 kg





