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, GenICam, 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 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