SMALL, LOW COST, UNCOOLED InGaAs CAMERA



## Bobcat 320 TE0 and WL Series



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## **KEY FEATURES**

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**FLEXIBLE AND EASY TO USE** 

COMPACT AND LIGHTWEIGHT

HIGH FRAME RATE OF UP TO 400 Hz

\* Windowless version optional (WL)

The Bobcat 320 TE0 and WL series are based on an inhouse developed, uncooled InGaAs detector with a  $320 \times 256$  pixel resolution.

The Bobcat 320 TEO and WL cameras are offered with GigE Vision interface, 400 Hz maximum frame rate and feature low weight and power. The Bobcat 320 WL comes with a windowless uncooled detector, specifically targeting laser beam analysis and laser wavefront sensing applications.

The cameras have standard on-board image correction featuring non-uniformity correction (NUC), bad pixel replacement (BPR) and automatic gain control (AGC). For more info on other image enhancement features, contact our sales department.

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## **Bobcat 320 TEO and WL Series**



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Image format / Pixel pitch	320 x 256 pixels/ 20 μm	
Detector type	InGaAs photodiode array with CTIA ROIC	
Sensor temperature stabilization	Uncooled (TE0 version) and Uncooled & Windowless detector (WL version)	
Integration type	Snapshot - global shutter	
Spectral range	900 - 1700 nm	
Max frame rate (full frame)	400 Hz	
Power consumption	4 W	
Power supply voltage	DC 12 V	
FUNCTIONS & INTERFACES		

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Command and control	GigE Vision
Trigger	In or out via SMA [Configurable]
Camera dimensions (width x height x length)	55 mm x 55 mm x 74 mm
Optical interface	C-mount or M42
Camera weight	280 gr

## **PRODUCT SELECTOR GUIDE**

XEN-000730 (Bobcat 320 TE0 GigE 400)

XEN-000731 (Bobcat 320 WL GigE 400)

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