

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Basler L100 Series



The L100 Line Scan Series

BASLER
VISION TECHNOLOGIES

Basler L100 Series Cameras

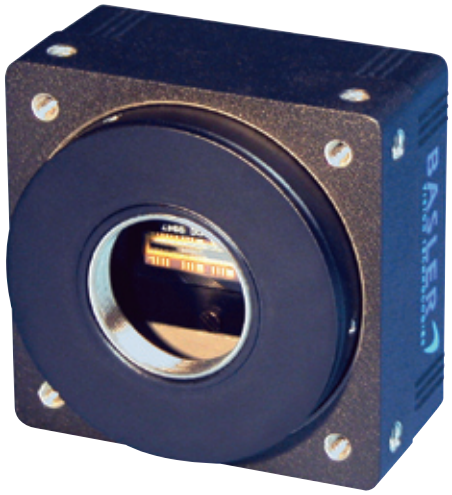
The L100 Series of digital line scan cameras is designed for industrial users who require superior image quality with high-speed data acquisition. The cameras can be triggered via an external sync signal or run in an internally controlled "free-run" mode. L100 cameras operate with a single voltage power supply and have simple cabling requirements. A combination of features such as digital shift, test images, and indicator LEDs, ensure that these versatile cameras provide an exceptional price/performance ratio.

The Basler L100 Series features the following benefits:

- Superior image quality improves your image processing results
- Super compact size reduces the space needed in your installation
- 100% factory testing ensures consistent product quality
- LED indicators and test image generation capability reduce your integration time and aid troubleshooting
- Windows® setup tool lets you configure your camera with ease
- Electronic exposure time control provides maximum flexibility

L101k, L103k and L104k Cameras Are Ideal for a Variety of Applications Including:

- Document scanning
- Print inspection
- Web inspection
- Production line item inspection
- OCR and 2-D bar code reading
- Many other vision applications



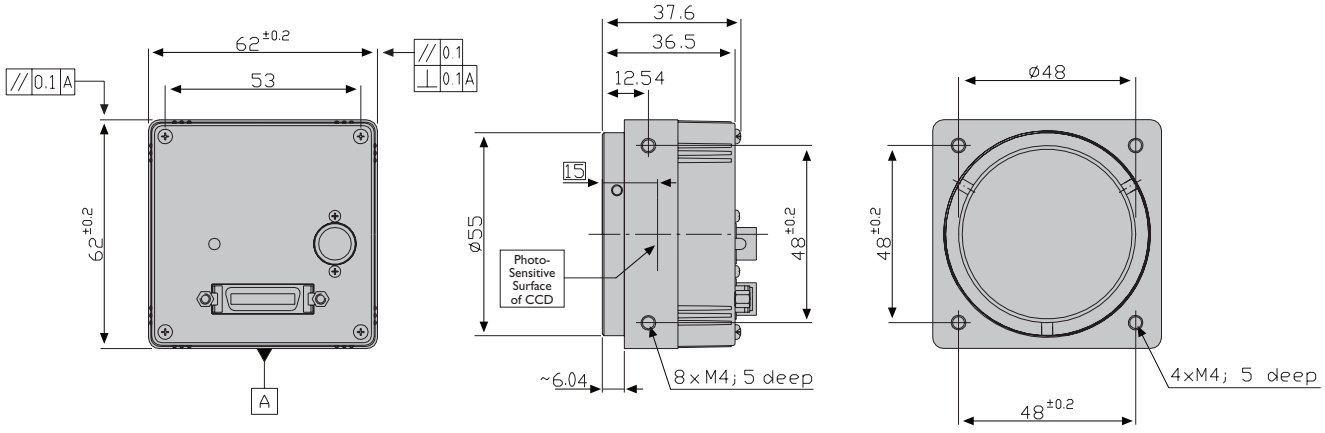
Specifications

Basler L100 Series		L101k	L103k	L104k
Sensor Size		1024 or 2048 pixels, available on all cameras		
Sensor Type		Linear CCD used on all cameras		
Pixel Size		10.0 µm x 10.0 µm with 10.0 µm pitch		
Pixel Speed		20 MHz	40 MHz	62.5 MHz
Max. Line Rate	1k Sensor:	18.7 kHz	35.7 kHz	58.5 kHz
	2k Sensor:	9.5 kHz	18.7 kHz	29.2 kHz
Video Output Format		Single or dual tap 8 or 10 bits (selectable)		
Synchronization		Via external trigger or free-run		
Exposure Control Models		Edge-controlled, level-controlled or programmable, on all cameras		
Power Requirements		12 VDC (±10%)		
		max. 6.5 W	max. 8.5 W	max. 10.0 W
Lens Mounts		C-mount or F-mount available for all cameras, F-mount recommended for 2k		
Housing Size (L x W x H)		37.6 mm x 62.0 mm x 62.0 mm		
Weight (with F-mount adapter)		Max. 285 g		
Conformity		CE and FCC		

Specifications are subject to change without prior notice.

Dimensions (in mm)

L100k (Camera Link)



What Makes Basler Camera Quality So Special?

Basler Camera Test Tool

To ensure consistently high product quality, we employ several quality inspection procedures during manufacturing. This list describes some of the most essential actions we take to meet your highest requirements.

- The back focal length on each camera is carefully measured and adjusted. This guarantees an optimum distance between the lens flange and the sensor and compliance with optics standards.
- Our advanced Camera Test Tool (CTT+), the first fully-automated inspection system for digital cameras, checks all of the significant quality aspects of each camera we produce. The CTT+ is a unique combination of optics, hardware, and software that can be quickly and efficiently used to calibrate a camera and to measure its performance against a set of standards. For defined sets of conditions, an automated software program examines the camera's output, makes any calibration adjustments necessary, and compares the output to a strictly defined set of performance criteria.



www.baslerweb.com

Germany, Headquarters
Phone +49 4102 463 500
Fax +49 4102 463 599
bc.sales.europe@baslerweb.com

USA
Phone +1 610 280 0171
Fax +1 610 280 7608
bc.sales.usa@baslerweb.com

Singapore
Phone +65 6425 0472
Fax +65 6425 0473
bc.sales.asia@baslerweb.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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