SPECIFICATIONS
PRODUCT SPECIFICATIONS

DIGITAL CCD LINE SCAN

1024 OR 2048 PIXELS

MONOCHROME

CAMERA LINK® OUTPUT

LINE RATES UP TO 58.5 KHZ

BASLER L100 SERIES

Features/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**
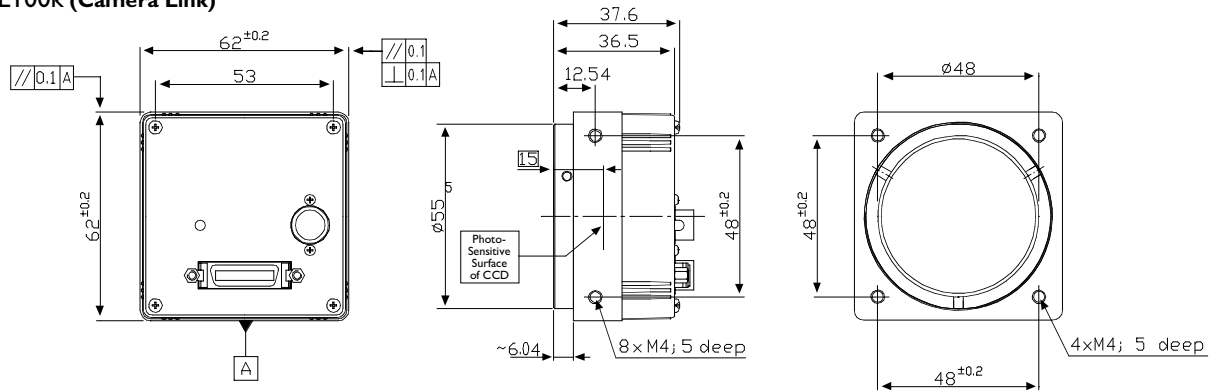
Description

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.

Applications

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

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L100k (Camera Link)

Specifications	Camera Link (Base)		
	L101k	L103k	L104k
Sensor Size	1024 or 2048 pixels, available on all cameras		
Sensor Type	Linear CCD used on all cameras		
Pixel Size	10 µm x 10 µm with a 10 µm pitch		
Pixel Speed (MHz)	20	40	62.5
Max. Line Rate (KHz) 1k Sensor:	18.7	35.7	58.5
2k Sensor:	9.5	18.7	29.2
Video Output Formats	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. W	6.5 W	8.5 W	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 mm x 62 mm		
Weight (with F-mount adapter)	max. 285 g		
Conformity	CE and FCC		

Specifications are subject to change without prior notice.

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