

# SPECIFICATIONS

## PRODUCT SPECIFICATIONS



**DIGITAL CCD AREA SCAN  
COLOR OR MONOCHROME  
CHANNEL LINK® OR  
CAMERA LINK™ OUTPUT  
UP TO 48 FPS AT ONE MEGAPIXEL**

## BASLER A200 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
- Area of Interest (AOI) scanning allows higher frame rates
- Windows® setup tool lets you configure your camera with ease
- Electronic exposure time control provides maximum flexibility

### Description

The A200 Series of high-performance, digital cameras is ideal for a variety of industrial applications. The cameras can be triggered via an external sync signal or run in an internally controlled "free-run" mode. A200 cameras operate with a single voltage power supply and have the advantages of the remarkably simple cabling requirements outlined in the Camera Link standard. A combination of features such as digital shift, test images, and indicator LEDs, ensure that these versatile cameras provide an exceptional price/performance ratio.

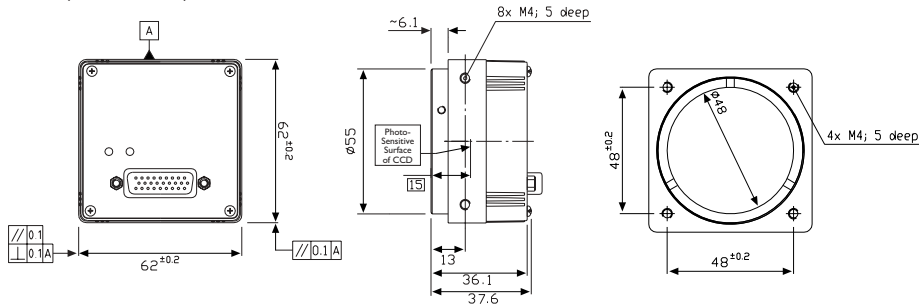
### Applications

- Semiconductor and component inspection
- Manufacturing quality control
- Traffic control
- Food and beverage inspection
- Microscopy and medical imaging
- Many other vision applications

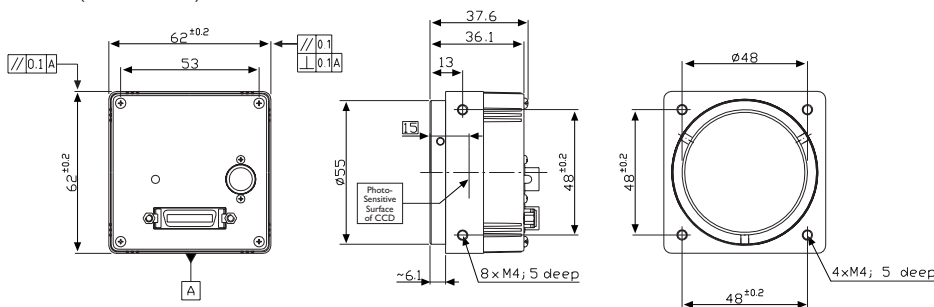
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## Dimensions (in mm)

### A201b (Channel Link)



### A202k (Camera Link)



Specifications	A201b/bc	A202k
Sensor Size (H x V Pixels)	1008 x 1018	1004 x 1004
Sensor Type	Progressive Scan CCD	
Pixel Size (in $\mu\text{m}$ )	9.0 x 9.0	7.4 x 7.4
Pixel Clock	42 MHz with single output 21 MHz with dual output	40 MHz
Max. Frame Rate at Full Resolution	30 frames/s	48 frames/s
Color / Mono	Color or Mono	Mono Only
Video Output Type	Channel Link*	Camera Link (Base)*
Video Output Format	Single or Dual Pixel 8 or 10 bits	Dual Pixel 8 or 10 bits
Synchronization	Via external trigger or free-run	
Exposure Control	Level-controlled or programmable	
Power Requirements	12VDC ( $\pm 10\%$ ) max. 8.0 W	12VDC ( $\pm 10\%$ ) max. 5.5 W
Lens Mounts	C-mount or F-mount	
Housing Size (L x W x H)	37.6 mm x 62 mm x 62 mm	
Weight	max. 265 g	max. 290 g
Conformity	CE, FCC	

Specifications are subject to change without prior notice.

\*The output is RS-644 LVDS when this camera is used with an optional Basler Interface Converter (BIC)

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