

LV-B Series is high speed digital line scan camera of EIA-644 and Camera Link™ Type. This provides high performance compensating non-uniformity of sensor defects and illumination to improve the quality of inspection precision. The compact size makes it very convenient to mount on the equipment in a limited space. Its applied results and certified reliability support the best vision solutions for the equipments of semiconductors and industrial inspection .

Specifications

ITEM	LV-B404CL
Pixel Number	4,080 pixels(2,040 x 2Tap)
Sensor Type	Linear CCD
Pixel Size	10um x 5um
Pixel Rates	28.636MHz
Max. Line Rates	Max.13.6KHz
Video Output Type	Camera Link™
Video Output Format	8bit Outputs
FPN	±2% (Normal)
Gain Range	Total range:2~36dB Control range:12dB/0x170~26dB/0x2EE
Gain Step	382 stage (refer to control s/w)
Synchronization	External Trigger or Free run
Exposure Control	Enabled
Serial I/F	RS-232C Built in (inside CL Board)
Lens Mount	F Mount
Back Focal Length	46.5mm
Housing Size(W x H x L)	74 x 74 x76.4
Power Source	15VDC
Power Consumption	<5.5W
Operating Temperature	0 ~ +45
Operating Humidity	Max. 70%
Weight	approx. 440g
Alignment Accuracy	d :< ±0.2 ° dx/dy:< ±0.3mm
Regulatory Compliance	CE

Specifications

ITEM	LV-B408CM
Pixel Number	8,160 pixels(2,040 x 4Tap)
Sensor Type	Linear CCD
Pixel Size	5um x 5um
Pixel Rates	57.27272MHz
Max. Line Rates	Max.13.6KHz
Video Output Type	Camera Link™
Video Output Format	8bit Outputs
FPN	±2% (Normal)
Gain Range	Total range:2~36dB Control range:12dB/0x170~26dB/0x2EE
Gain Step	382 stage (refer to control s/w)
Synchronization	External Trigger or Free run
Exposure Control	Enabled
Serial I/F	RS-232C Built in (inside CL Board)
Lens Mount	F Mount
Back Focal Length	46.5mm
Housing Size(W x H x L)	74 x 74 x76.4
Power Source	15VDC
Power Consumption	<5.5W
Operating Temperature	0 ~ +45
Operating Humidity	Max. 70%
Weight	approx. 440g
Alignment Accuracy	d :< ±0.2 ° dx/dy:< ±0.3mm
Regulatory Compliance	CE

Dimension (LV-B404CL _ LV-B408CM)

