



For Surface Inspection

CIS type Line Scan Camera

New Possibilities in Machine Vision

Slim & Compact All-in-One Component for Surface Inspection



IDCCFC-165C
IDCCFC-330C
IDCCFC-476C

Applications

Print
Measurement
Film
WEB

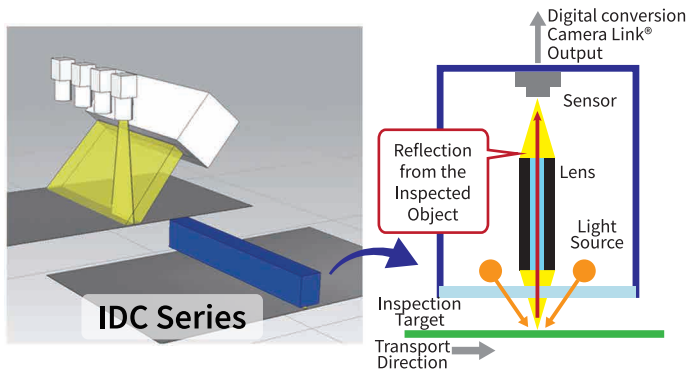
- Maximize Scan Effective Width
- Built in illumination
- Resolution (600 / 300 / 200 / 150dpi)
- Color / Monochrome mode
- Scan Speed 36m/min. (600dpi color)
- Camera Link® compliant

"Camera Link®" is a registered trademark of "A3 (Association for Advancing Automation)."

CANON COMPONENTS, INC.

All-in One

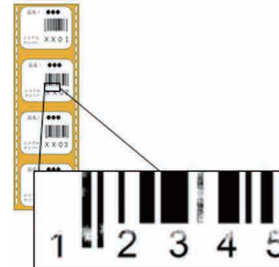
Integrated Optics and Signal Processing
Significantly Reduced Installation Space
Compared to Conventional Industrial Cameras.



Applications

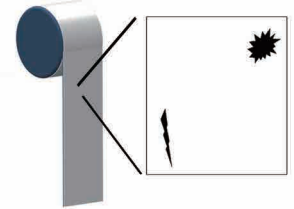
- Print Inspection
- WEB Appearance Inspection
- Other Surface Inspection

Label Print Inspection



Print Quality, Barcode

WEB Inspection



Scratch, Stain, Holes

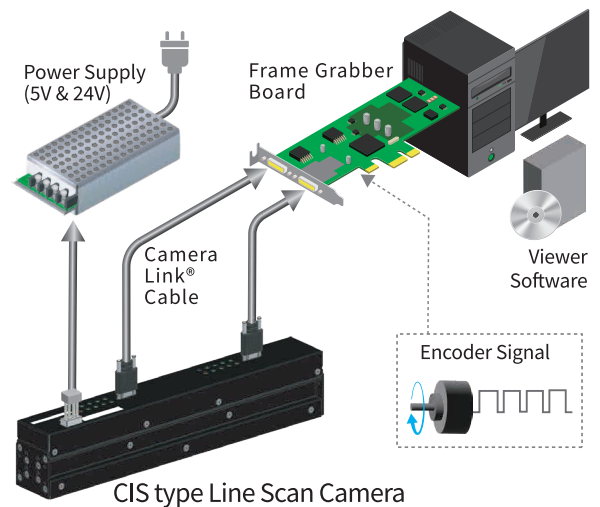
Item	IDCCFC-165C	IDCCFC-330C	IDCCFC-476C	Remarks
Scanning Width	164.6mm	329.3mm	475.8mm	
Sensor Elements (Pixels)	3,888 x 3 (RGB)	7,776 x 3 (RGB)	11,232 x 3 (RGB)	600dpi
	3,888 (monochrome)	7,776 (monochrome)	11,232 (monochrome)	
Resolution	600 / 300 / 200 / 150dpi			Mode Selectable
Pixel CLK Frequency	20MHz			
Pixel Data	RGB 8bit / monochrome 8bit			
Scan Speed (RGB / monochrome)	600dpi: 71μs/line, 14kHz, 36MPM 300dpi: 38μs/line, 26kHz, 132MPM 200dpi: 28μs/line, 36kHz, 276MPM 150dpi: 38μs/line, 26kHz, 264MPM			Color / Mono
Interface	Camera Link® Compliant Base			
	Base x 1port	Base x 2port	Base x 3port	
Optical Data CLK	60MHz			
Optical System	Rod Lens Array			
Working Distance	12mm			
Luminous Source	White LED			
Power Supply	Sensor: 5V LED: 24V			
Current Consumption	Sensor: 0.7A LED: 0.2A	Sensor: 1.7A LED: 0.4A	Sensor: 2.4A LED: 0.8A	Sensor: LED ON during scanning LED: Effective value, Exclude inrush Current
Outline Dimension	W188 x H70 x D53mm	W353 x H70 x D53mm	W499 x H70 x D53mm	Excl. protrusion
Weight	0.6kg	1.8kg	2.5kg	

* For products with CE marking, please contact us.

* Specifications are subject to change without notice for product improvement.

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System Structure



For more information about the product, please visit

Website (CIS Business Group)

compo.canon/en/product/cis

Component Product Planning Div.
CIS Business Group

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Canon

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