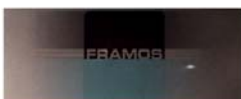


## CSL8000CL – Linescan Camera



### Key Features

- **COLOR & BLACK/WHITE OUTPUT:** The camera can digitally output in 8bit RGB (effective pixels 4080 x 3) and 8bit/10bit monochrome (effective pixels: 8160) simultaneously.
- **HIGH-SPEED PROCESSING:** The camera's pixel rate of 80MHz yields line rates up to 18.9KHz at monochrome Output (8160 Pixel).
- **COMPACT & RUGGED:** The camera measures only 74mm x 74mm x 138mm and features a durable industrial-strength housing resistant to shock and vibration.
- **CAMERA LINK:** Configuration interface enables simple integration of the camera into existing and new systems.



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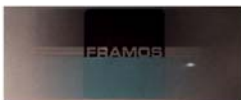
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## CM8000CL - Specification

Image Sensor	Kodak® KLI-4104
Effective Pixels	
Color (RGB)	4080 x 3 (RGB)
B/W	8160
Pixel Size	
Color (RGB)	10 x 10 µm
B/W	5 x 5 µm
Pixel Pitch	
Color (RGB)	10 µm
B/W	5 µm
Output Sensitivity	
Color (RGB)	14 µV/electron
B/W	11 µV/electron
Chip Size	50.5 (H) x 1.1 (V) mm
Total Read Noise	120 electrons
Dynamic Range @ 30 MHz Data Rate	
Color (RGB)	60 dB
B/W	60 dB
Maximum Data Rate	30 MHz/channel
Sync Method	Internal/External (Auto switch over)
Digital Output	
Color (RGB)	R, G, B each 8bit
B/W	YLA (left), YLB (right) 8bit/10bit switching
Camera Link	Base Configuration
Analog Output	For Confirmation with G (Hi-Z) oscilloscope
Lens Mount	F-Mount
Dimensions	74mm (W) x 74mm (H) x 138.5mm 2.91 x 2.91 x 5.45 (inches)



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