

Summary Specification

BMT-2098C-CL

Colour Line Scan Cameralink Camera



Name	Specification
Resolution	2098 Tri-Linear CCD (KLI-2113)
Pixel size	14×14 (µm×µm) (8 lines spacing)
MAX. data rate	20 MHz×3
MAX. line rate	≈9.2 KHz
Lens mount	Nikon F-Mount
Spectral response	400nm ~ 700nm Typical
Data Format	8 bit x 3
Sensor Dynamic Range	76 db
Output Format	Cameralink base (1T24)
Sync/Trigger Input	CC1
Sync modes	Free-run / External Sync
Integration time	16 bit through Cameralink Serial Port
Electronic Shutter	10µs MIN. 16bit Setting via Camera Link Serial
Gain & Offset	Programmable through Cameralink Serial Port
Offset Range	1 LSB to 510 LSB, 8 bit Resolution
Gain Range	0 V/V to 16 V/V (MAX. 24dB), 10 bit Resolution
Power supply	12VDC, 5%
Power dissipation	< 4W
Working temp.	-10°C to 50°C / 20% to 80%
Storage temp.	-40°C to 75°C / 10% to 90%
Dimensions	TBD
Weight	< 500 GM



BMT-2098C-A
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Features:

- ✚ BMT-2098C-CL is equipped with high speed CCD line scan image sensor (KLI-2113). The image sensor consists of three parallel 2098-element photodiode array, one for each primary color.

- ✚ BMT-2098C-CL is Industrial Cameralink Line Scan Camera. It operates with single DC 12V supply.

Applications:

- ✚ Food processing
- ✚ Machine Vision/Factory Automation
- ✚ Print/pharma

Ordering code:

Model Number	Description
BMT-2098C-CL	2098 Pixel CCD Colour Line Scan Camera
BMT-2098M-CL	2098 Pixel CCD Monochrome Line Scan Camera

For more product information or inquiry, please contact

Balaji MicroTechnologies Pvt. Ltd.
(A Unit of B.B. Group of Companies)

Corporate Headquarter: New Delhi, India

Sales/business Operation: D-2/20, Sector-10 | DLF Faridabad-121006 |
Haryana, **INDIA**

Tel # +91-129-4006203 | +91-129-6561300

Email (For Overseas Sales): sales.overseas@balaji-microtechnologies.com

Email (For India Sales): sales.india@balaji-microtechnologies.com

Website: <http://www.balaji-microtechnologies.com/>