

MAXI Contact Image Sensor

High-Performance monochrome or color CIS

■ Lesebreite von 520 bis 4160 mm

■ Sehr lichtempfindlich, Zeilenraten bis 60 kHz

■ Hohe Ortsauflösung von 25 bis 2400 dpi

■ Mit Pixelkorrektur

■ Robuste Monochrom und RGB CIS Sensoren

■ Mit integrierter Optik und Beleuchtung

■ Kundenspezifische Lösungen

■ Sensor Length 520 up to 4160 mm

■ Very sensitive, Line rates up to 60 kHz

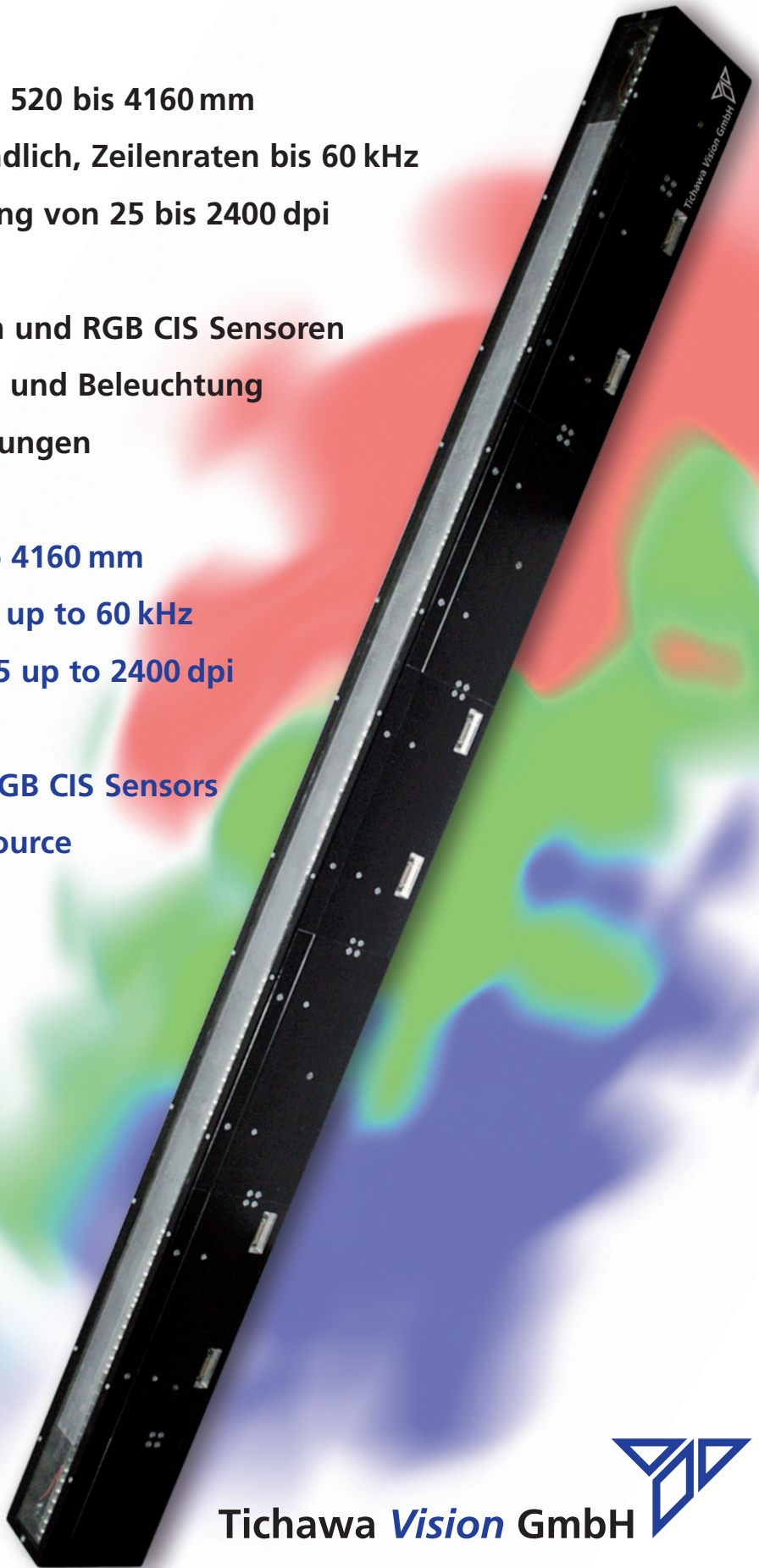
■ High Spatial Resolution 25 up to 2400 dpi

■ Flat Field Correction

■ Rugged Monochrome or RGB CIS Sensors

■ Built-In Optics and Light Source

■ OEM solutions



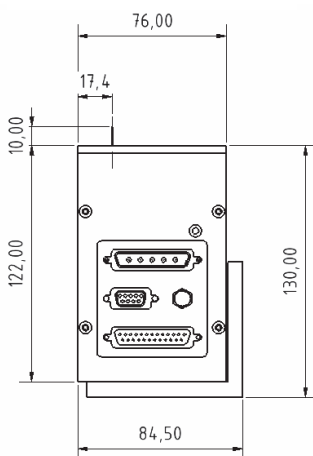
Tichawa *Vision* GmbH 

Tichawa Vision MAXI Contact Image Sensor – Specifications

Effective Sensor Length	520 up to 4160 mm
Max. Line rate	up to 60 kHz
Resolution (dpi nom.)	25, 50, 75, 100, 150, 200, 300, 400, 600, 1200, 2400
ADC Resolution	10 bit
Pixel Spacing	10 µm – 1 mm
Data Rate	3 GPixel/s (Camera link), 80 MPixel/s (GigE)
Built-In Pixel/Flat Field Correction	Yes
Trigger	yes
Expo Ctrl	yes
Camera Link Connection	1 up to 16 Connectors, BASE Configuration
Power Supply (VDC)	+24
Optical Port	not required
Mechanical Dimensions (WxLxH)	808 up to 4450 x 84,5 x 130 mm
Operation Temp. Range	5 ... 40°C (below 15°C heating of the window might be required)
CE approval	yes
Working distance (mm nom.)	8 - 10 mm nom.



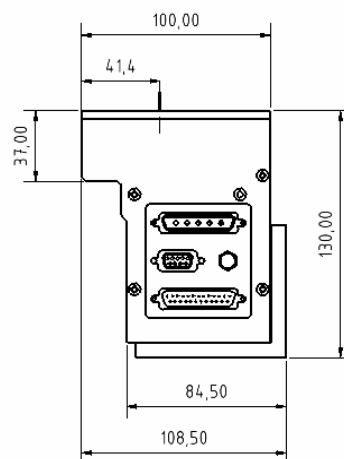
Camera Link Version



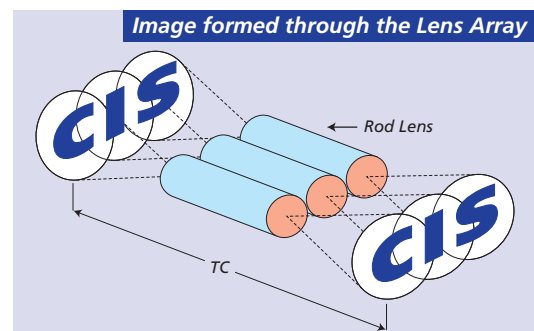
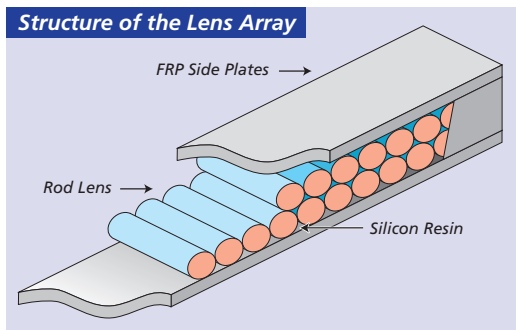
Internal 1-sided light



GigE Version



Internal 2-sided light



Zusatzoptionen:

- Interne zweiseitige Beleuchtung
- Externe Beleuchtung
- Passive/Aktive Luftkühlung
- Flüssigkeitskühlung
- Individuelle Lesebreiten
- Geometriekorrektur
- Kundenspezifische Lösungen

Additional options:

- Internal two sided illumination
- External illumination
- Air cooling/Forced Air cooling
- Liquid cooling
- Special Scan Widths
- Geometry correction
- OEM solutions

Tichawa Vision GmbH

Burgwallstraße 14 · 86316 Friedberg · Germany
 Telefon: +49 (0) 821 455 553 0 · Fax: +49 (0) 821 455 553 20
 E-Mail: info@tichawa.de · www.tichawa-vision.com