

TiVi Contact Image Sensor CIS 25

Low-cost monochrome CIS-Sensor 25 dpi

Lesebreite 520 - 4160 mm

1,016 mm Pixelraster

Pixelkorrektur

Camera Link Schnittstelle

Beleuchtung weiß, rot oder UV

Interne oder externe Lichtquelle

Optional interner Auswerterechner

Hochtemperatur-Version lieferbar

Scan width 520 - 4160 mm

1,016 mm pixel grid

Shading correction

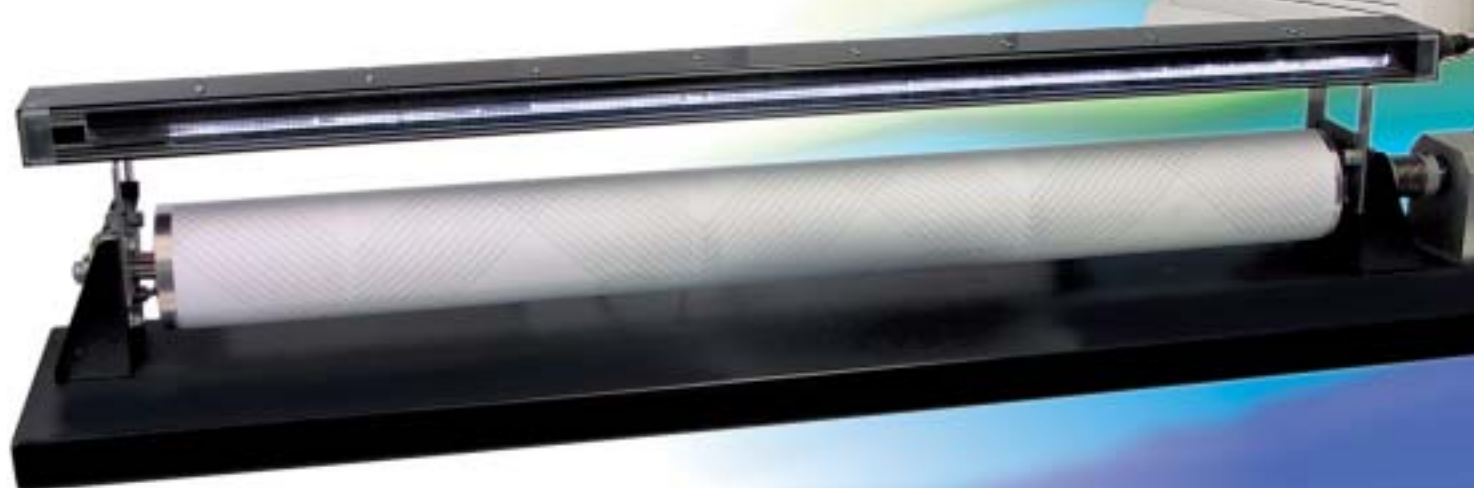
Camera Link Interface

Lighting white, red or UV

Internal or external light source

Internal data processor as option

High-temperature-proof version available



Tichawa Vision CIS 25 – Specifications

Reading width (mm)	520, 1040, 1560, 2080, 2600, 3120, 3640, 4160
Max. line rate (kHz)	4
Resolution	25 dpi/1,016 mm
ADC resolution	10 Bit
Total pixels	512 ... 4096
Data rate	40 Mpixel/s up to 2 m, 2 x 40 Mpixel/s over 2 m
Built-in pixel/Shading correction	Yes
Trigger	Yes
Exposure control	Yes
Camera Link Shading	Yes
Electrical Interface	1 Camera Link (Base) Connector up to 2 m 2 Camera Link (Base) Connectors up to 4 m
Power supply (VDC)	24 V
Optical Port	N/A
Mechanical Dimensions (W x H x L)	Approx. 40 x 36 x L
Operation case temperature range	5 ... 40°C (normal version) 5 ... 100°C (high-temperature version)
Working distance	11 mm

Structure of the Lens Array

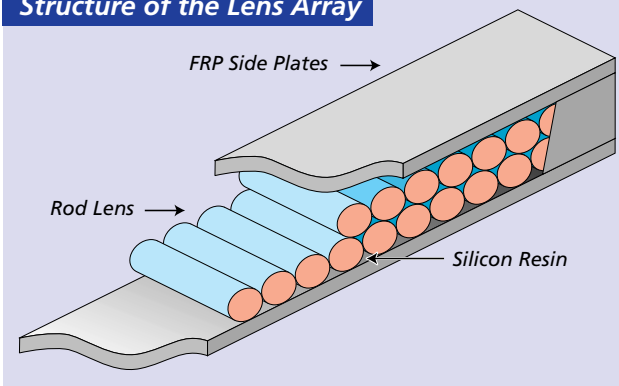
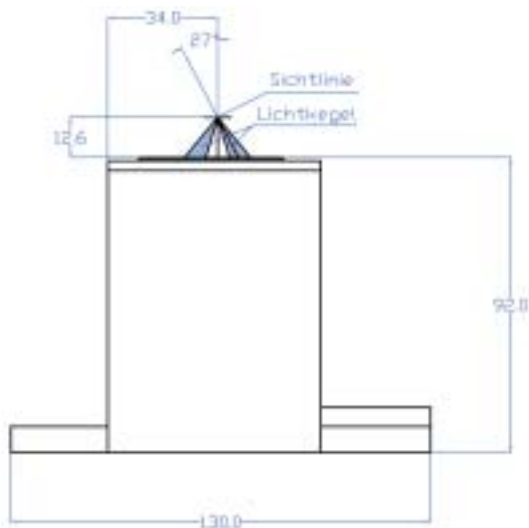
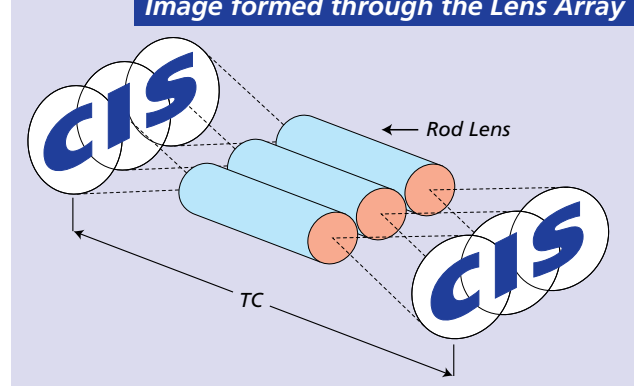
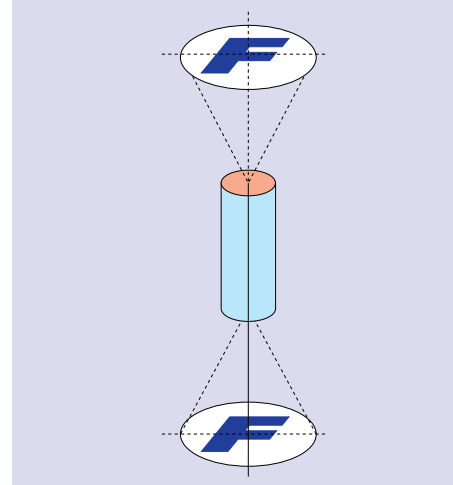


Image formed through the Lens Array



Rod Lens



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