

TiVi Contact Image Sensor CIS 25

Low-cost monochrome CIS-Sensor 25 dpi

1,016 mm Pixelraster

Pixelkorrektur

Camera Link Schnittstelle

Optional Ethernet-Schnittstelle

Optional interner Auswerterechner

Hochtemperatur-Version lieferbar

Beleuchtung weiß, rot oder UV

Interne oder externe Lichtquelle

1,016 mm pixel grid

Flat-field correction

Camera Link Interface

Optional Ethernet Interface

Internal data processor as option

High-temperature-proof version available

Lighting white, red or UV

Internal or external light source



Tichawa Vision CIS 25 – Specifications

Resolution (dpi)	25
Effective sensor length (mm)	520, 1040, 1560, 2080, 2600, 3120, 3640, 4160
Reading width (mm)	520 ... 4160
Total pixels	512 ... 4096
Pixel spacing (µm)	1016
Data rate	40 Mpixel/s up to 2 m (Port A), 2 x 40 Mpixel/s over 2 m (Port A+B)
Max. line rate (kHz)	1
ADC resolution	10 Bit
Trigger/Exposure control	Yes
Camera Link	Yes
Built-in pixel/flat field correction	Yes
Power supply (VDC)	24 V/3 A
Optical Port	N/A
Mechanical Dimensiones (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)

Structure of the Lens Array

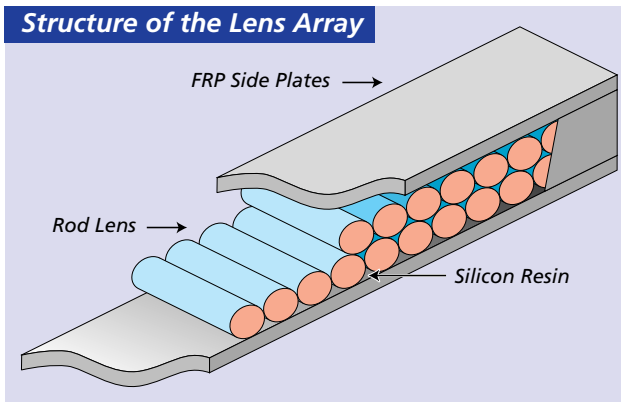
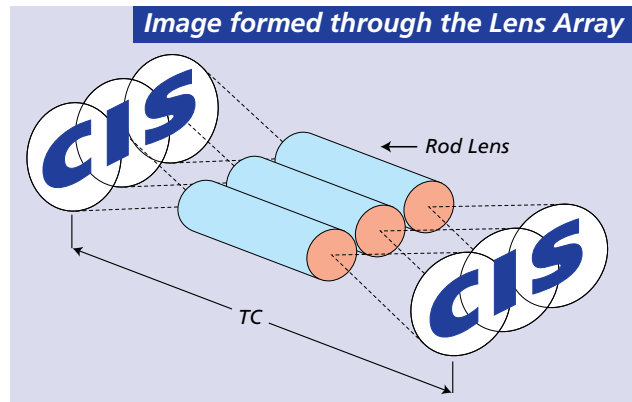
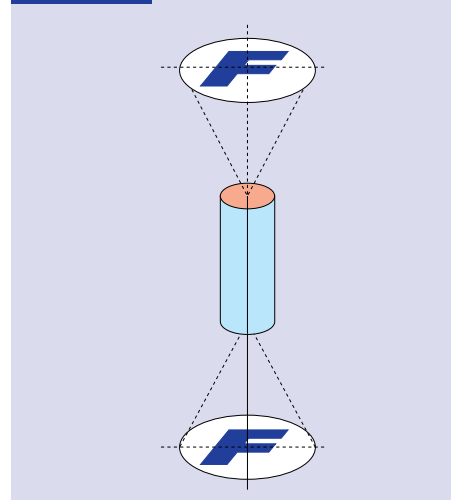


Image formed through the Lens Array



Rod Lens



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