

Hochauflösender CIS bis 3600 dpi

High Resolution Contact Image Sensor 1200/2400/3600 dpi

- Lesebreiten bis 1 m
oder 140000 Bildpunkte
 - Zeilenraten bis 27 kHz
 - 1200, 2400 oder 3600 dpi
 - 48, 96 oder 144 Pixel/mm
 - 20,10 oder 7 μ m Pixelgröße
 - Entzerrung in Echtzeit für
Genauigkeiten bis zu 1 μ m
 - Farbe oder schwarz-weiß
 - Diffuse und koaxiale Beleuchtung



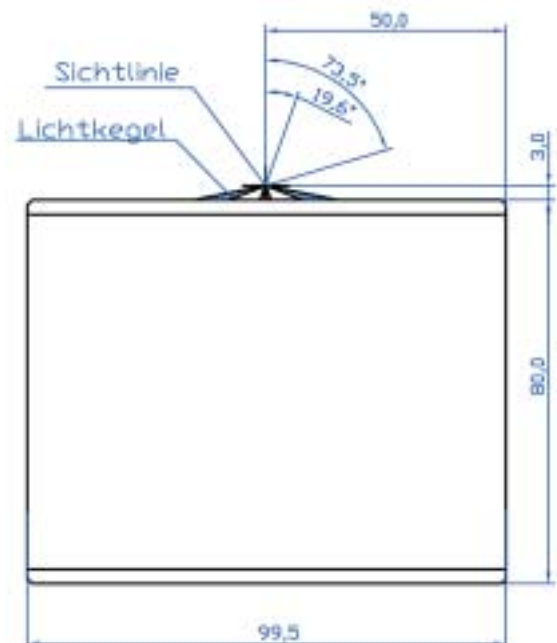
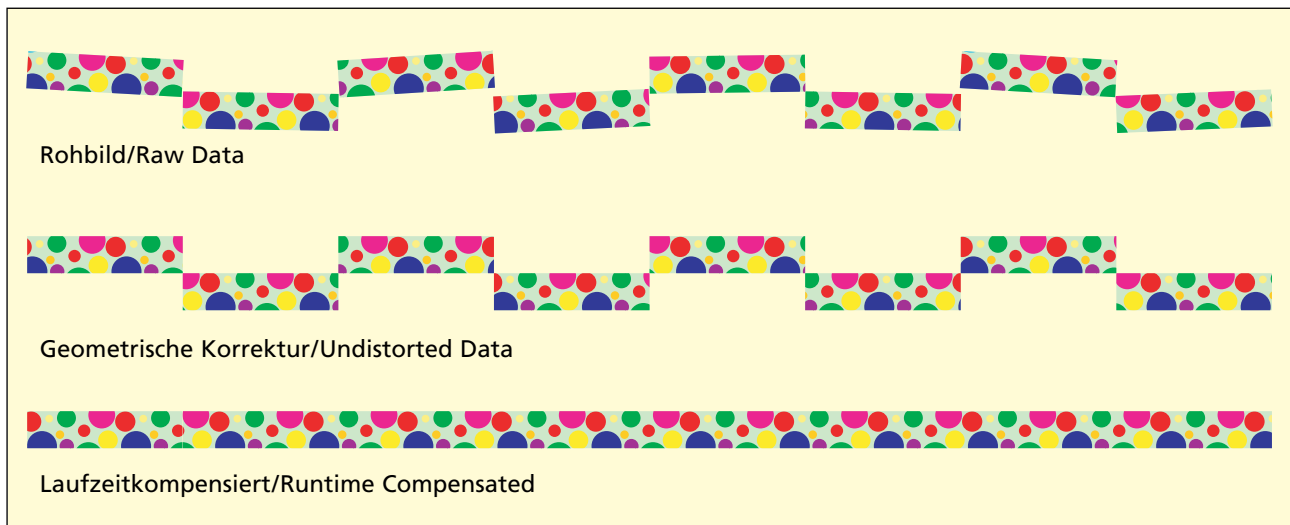
- Scan width up to 1 m
with 140000 pixels
- Line Rates up to 27 kHz
- 1200, 2400 or 3600 dpi
 - 48, 96 or 144 pixels/mm
 - 20,10 or 7 μ m pixel size
- Real Time Correction
for accuracies down to 1 μ m
 - Colour or Monochrome
 - Diffuse and Coaxial Light Sources

Tichawa *Vision* GmbH



Tichawa Vision High Resolution Contact Image Sensor up to 3600 dpi – Specifications

TYPE	CIS 1200	CIS 2400	CIS 3600
Max. Scan width	1040 mm	1040 mm	1100 mm
Line Rate	6 kHz	3 kHz	27 kHz
Resolution	1200 dpi	2400 dpi	3600 dpi
Amplitude Resolution (output)	8 Bit	8 Bit	8 Bit
Pixel Spacing (nom)	21 µm	10.5 µm	7 µm
Dynamic Range	54 dB	54 dB	50 dB
Camera Link	1 - 4	1 - 8	1 - 20
Power Supply Electronics	24 VDC	24 VDC	24 VDC
Power Supply Light	24 VDC	24 VDC	24 VDC
CDS	Yes	Yes	Yes
PGA	Yes	Yes	No
Geometry Correction	FPGA	FPGA	FPGA
Auto Zero	Yes	Yes	Yes
Cross Section	100 x 86 mm	100 x 86 mm	100 x 86 mm
Operating Temp.	0...+40° C	0...+40°C	0...+40°C
CE Approval	Yes	Yes	Yes



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