

Messen
Prüfen
Kontrollieren
Sortieren
Positionieren
Vollständigkeitskontrolle
Vorhandenseinskontrolle
Oberflächeninspektion
Teileprüfung
Werkzeugvoreinstellung
3D Sehen
3D Erkennung
Robot Vision
Markierungskontrolle
Koplanarität
BGA-Prüfung
Konturprüfung
Fehler- und Verschmutzungserkennung
OCR / OCV
Zeichenerkennung
Code Lesen
Faden- und Stoffprüfung
Papier- und Folienprüfung
Metallprüfung
Displayprüfung LCD, LED, OLED
Mustervergleich
Blasenkontrolle
Robotersteuerung
Bohrer Vermessung
Thermografie
Plastik-Inspektion
2D
und vieles mehr...

Product data:

EyeSpector SZ



Description:

The combination of EyeVision software and the latest cameras of the EyeSpector series enables the user to efficiently solve image processing applications.

The smart cameras offer a DualCore ARM and an integrated FPGA, as well as high computing power.

Additionally they contain the EyeVision image processing software, with its drag-and-drop programming for an extremely user friendly handling – even without programming skills difficult tasks can be solved.

For more information have a look at our website or contact us:
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Technical Data

Integration	Global Shutter
Processor	Dual-Core ARM Cortex A-9 mit 2 x 866 MHz und integriertem FPGA
RAM	512 MB DDR-SDRAM
Flash Eprom	16 GB flash memory
Dig. I/Os	2 Inputs, 4 Outputs
Trigger I/Os	1 Tigger Input and 1 Flash Trigger Output
Interface	Ethernet 100 Mbit, 8 I/Os
Supply voltage	24V +/-20% DC
Power input	< 3 W
Dimensions	ca. 80 mm x 45 mm x 20 mm, ca. 90 g

Model	Sensor	Resolution	Fps	Chip Type
EyeSpector SZ 8000	1/4" CMOS	736 x 480	134	e2v
EyeSpector SZ 8100	1/1.8" CMOS	1280 x 1024	63	ev2
EyeSpector SZ 8200	1/1.8" CMOS	1600 x 1200	55	e2v
EyeSpector SZ 8300	1/1.8" CMOS	2048 x 1536	88	Sony
EyeSpector SZ 8400	1/2.9" CMOS	1440 x 1080	174	Sony
EyeSpector SZ 8500	1/2.3" CMOS	1920 x 1200	118	Sony

* All EyeSpector SZ cameras are available as color cameras.

Software

Operating System: Linux	Support EyeVision Software
Applications: - Industrial image processing: OCR, bar code, DMC, etc. - supervision and surveillance - Automation - bio science and medical applications	Interfaces: Mono for .NET applikations, Webserver for remote access and MMI

Maßzeichnung

