

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

EyeCheck 6000



Description:

The combination of EyeVision software and the latest cameras of the EyeCheck 6000 series enables the user to efficiently solve image processing applications.

The smart cameras have a Windows operating system and 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:
+49 (0) 721 668 004 23 0

www.evt-web.com

Technical Data

Processor	Intel Atom E3845, Quad Core @ 1,91 GHz
Display	VGA connector, max. 2560 x 1600 @ 60 Hz
Memory:	RAM: 2 GB DDR3L
	16 to 32 GB SSD
Advanced Processing	ROI, LUT, Shading Correction
Sensor Format	Monochrom
Trigger Input	1 x Opto-isoliert Trigger Input
Digital I/Os	4 Input / 4 Output
Ethernet	1 x Gigabit Ethernet
Serial Interfaces	1 x RS232 (only TX and RX)
USB	1 x USB 2.0
Operating System	Windows 7, Windows Embedded Standard 7
Lens Mount	C-Mount
Protection Class	IP67
Power consumption	13 W
Power supply	12..24 VDC +/- 10%
Ambient temperature:	Operating: 0 bis 50 °C
Plug connection	1 x M12 8-pin (Female), 1 x M12 17-pin (Male), 1 x 12-pin (Male)
Weight	approx. 195 g
Dimensions (W x H x L)	68,5 x 110 x 52,7 mm

Model	Resolution	Sensor	Frame Rate	SSD	Megapixel
EC6040-32	2048 x 2048	1" CMOS	60 fps	32 G	4 MP
EC6040-16	2048 x 2048	1" CMOS	60 fps	16 G	4 MP
EC6020-32	2048 x 1088	2/3" CMOS	120 fps	32 G	2 MP
EC6020-16	2048 x 1088	2/3" CMOS	120 fps	16 G	2 MP

Software

Operating System: Windows	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

Dimensions



Further products:

- EyeVision image processing software for Smart Cameras, Vision Sensors and PC
- EyeCheck 9xx & 1xxx Smart Cameras
- EyeSens Vision Sensors
- EyeScan 3D cameras