

Messen

Prüfen

Kontrollieren

Sortieren

Positionieren

Vollständigkeitskontrolle

Vorhandenseinskontrolle

Oberflächeninspektion

Teileprüfung

Werkzeuvoreinstellung

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 7000



Description:

The combination of EyeVision software and the latest cameras of the EyeCheck 7000 series enables the user to efficiently solve image processing applications.

The smart cameras contain a freely programmable FPGA 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:
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Technical Data

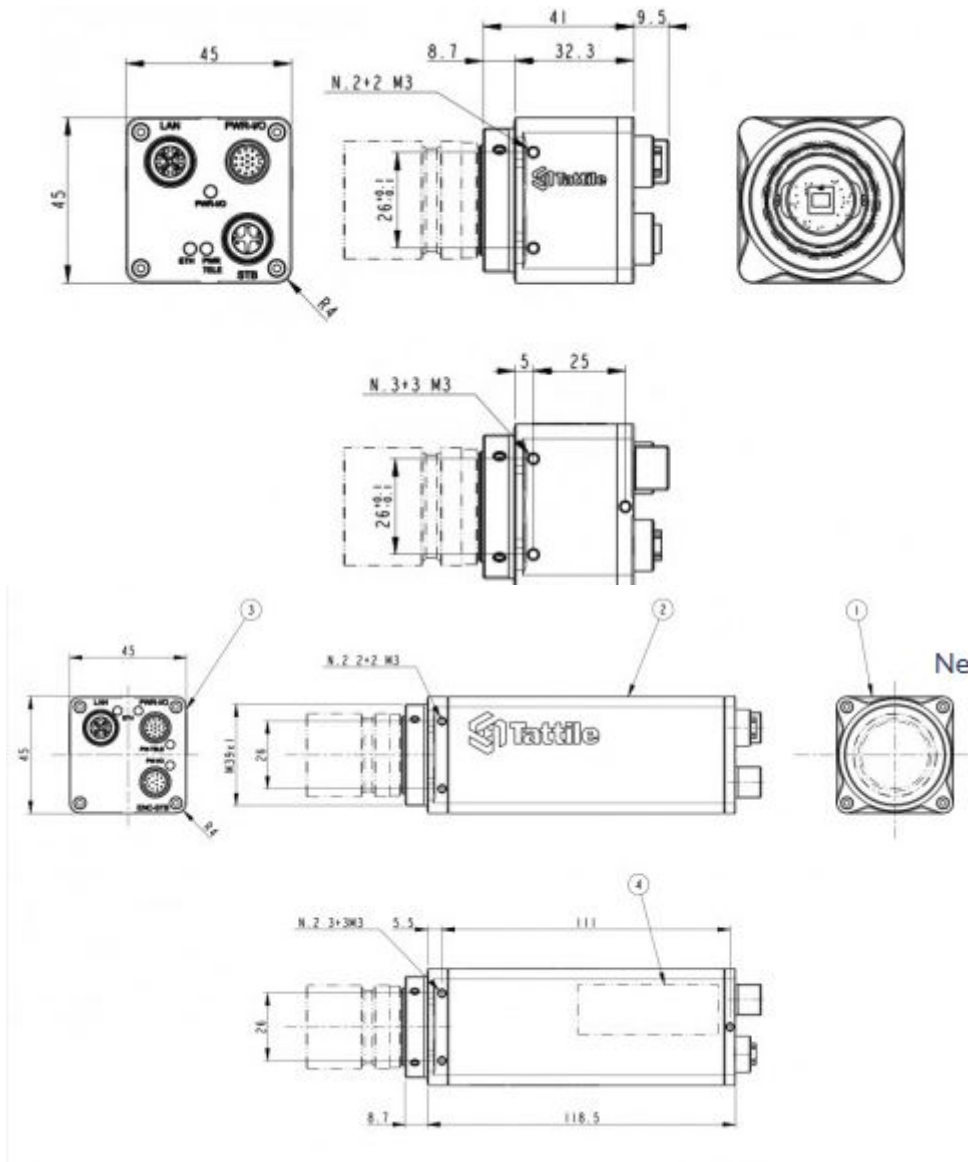
CPU	Single / Dual Core Cortex-A9 800 MHz
Memory:	
System RAM	512 MB
FLASH	Secure Digital 8 GB (up to 32 GB)
FPGA	XILINX 28K Logical Elements / XILINX Artix-7 28K LEs
FPGA RAM	1 GB (only for model EC7800)
FPGA – CPU Schnittstellen	High Speed Amba bus internal chip
Digital I/Os	2 Inputs / 2 Outputs PNP
Strobe Outputs	2
Encoder Input	3 channels RS422 Line Driver (only for model EC7800)
LAN	Gigabit Ethernet
Serial Interfaces	RS232, RS485
Protection Class	IP67
Lens	C-Mount
Power supply	24 VDC
Operating System	Linux

Model	Resolution	Sensor Type	Sensor Model	Frame Rate
EC7100	640 x 480	1/3" CMOS	-	120 fps
EC7110	640 x 480	1/3" CMOS	CMV300	250 fps
EC7600	2048 x 1024	2/3" CMOS	CMV2000	70 fps
EC7700	2048 x 2048	1" CMOS	CMV4000	35 fps
EC7800	2048 x 2048	1" CMOS	CMV4000	180 fps

Software

Operating System: Linux	Supports <i>EyeVision</i> 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