



Eye Vision Technology

All-in-one machine vision solution.
The Smarter choice.



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EyeSpector® 4200 Specifications

Sensor	1/3" CCD Sony, 1024(H) x 768(V) pixel
Shutter	High-Speed: up to 10 µsec Low-Speed: up to 20 sec configurable integration time
Integration	Full Frame Progressive Scan
Frame rate	20 fps (40 via double-binning)
Capturing	Asynchronous Program controlled or external triggering, Full screen, image jitter free
A/D conversion	1 x 20 MHz /10 Bit
Processor	1000 MHz Texas Instruments TMS320C64xx 8000 MIPS
Image output	B/W or pseudocolor Generated by a 3x8 Bit lookup table
Image/Data memory	64 MBytes SDRAM 128 optional available
Flash memory	4 MBytes Flash EPROM for programs and data Programmable within the system
Digital I/O	4 Inputs / 4 Outputs @ 24V Outputs max. 500mA each
Interfaces	Ethernet 100 MBit TCP/IP and RS232, max. 115,200 Baud
Video-out	SXGA 1280 x 1024
Operational voltage	24V +/-20% DC, max. 300 mA
Connectors	I/O (DC IN, PLC, 12-pin), V24 (6-pin) Trig (Trigger/keypad, 6-pin) VGA Out (10-pin)
Dimensions	approx. 120 x 50 x 35 mm approx. 250g

