IRIS GTR SMART CAMERA

GTR300
Matrox Iris GTR smart camera 640x480 293fps DA mono



- Intel Celeron N2807 processor
- Available in monochrome or color format
- Frame rate up to 293 fps
- PYTHON CMOS image sensors
- Integrated lens focusing and illumination intensity control

PRODUCT DESCRIPTION

Matrox® Iris GTR combines fast image sensing, efficient embedded processing, and comprehensive I/O capabilities for an effective all-in-one vision system.

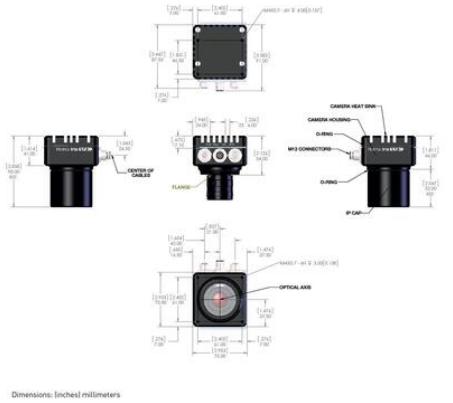
It comes with a CMOS image sensor of choice—from a range of increasing resolutions in monochrome or color—to meet application requirements for scene coverage and detail, type of analysis, and throughput. An Intel® Celeron® dual-core processor running Microsoft® Windows® or Linux® gives Matrox Iris GTR the power needed to perform regular inspection tasks at typical rates on a familiar software platform.

Digital I/Os, Gigabit Ethernet and USB ports, and a VGA video output provide the connectivity to fully integrate the Matrox Iris GTR within an automation cell or machine.

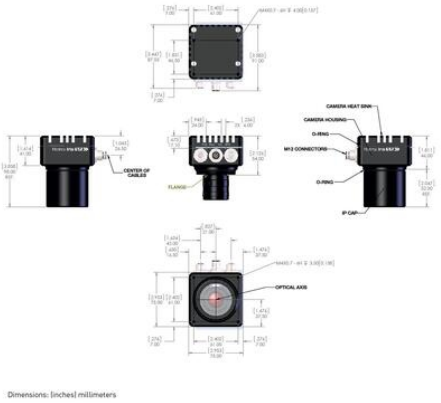
SPECIFICATIONS

3612_Pixel size (µm)	4,8x4,8
Approvals	FCC Part 15 Class A, CE mark, EN55011 Class A, EN61326-1, ICES-003/NMB-003 Class A
Delay External Trigger	7.1 µs
Frame Rate Max	293 fps
Gain Max	19.4 dB
IP Class	IP67
IR Cut Filter	Yes
Lens Barrel	C-mount
Memory RAM	2 GB
Mono/Color	Mono
Processor	Intel Celeron N2807 (dual core 1.58 GHz)
Resolution Max	640x480
Sensor model	PYTHON 300

Sensor size	1/4"
Sensor supplier	ON Semiconductor
Shutter Max	4 s
Shutter Min	50 µs
Shutter type	Global
Storage	32 GB
Temperature range from	0 °C
Temperature range to	50 °C
The Delay To The External Trigger Strobe	9.1 µs
Vibration Resistance	EN60721-3-3/A2, Category 3M8, IEC 60068-2-6, IEC60068-2-64, 10 Hz - 500 Hz, 5 g, 100 min
Weight	0.46 kg



Dimensions: [inches] millimeters



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