



## 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.

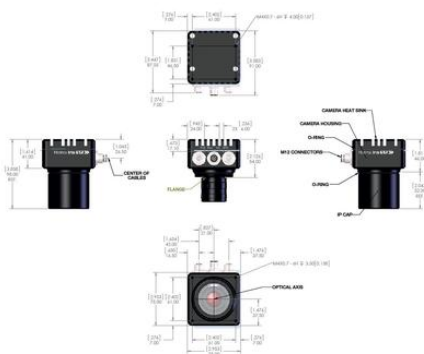
It comes with a CMOS image sensor of choice—from a range of increasing resolutions in monochrome or color—to meet application requirements for scene coverage and detail, type of analysis, and throughput. An Intel® Celeron® dual-core processor running Microsoft® Windows® or Linux® gives Matrox Iris GTR 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

<b>Approvals</b>	FCC Part 15 Class A, CE mark, EN55011 Class A, EN61326-1, ICES-003/NMB-003 Class A
<b>Delay External Trigger</b>	7,1 µs
<b>Frame Rate Max</b>	293 fps
<b>Gain Max</b>	19,4 dB
<b>IP Class</b>	IP67
<b>IR Cut Filter</b>	Yes
<b>Lens Barrel</b>	C-mount
<b>Memory RAM</b>	2 GB
<b>Mono/Color</b>	Mono

<b>Pixel size</b>	4,8x4,8 μm
<b>Power consumption</b>	10,8 W
<b>Processor</b>	Intel Celeron N2807 (dual core 1.58 GHz)
<b>Resolution</b>	VGA
<b>Resolution Max</b>	640x480
<b>Sensor model</b>	PYTHON 300
<b>Sensor size</b>	1/4"
<b>Sensor supplier</b>	ON Semiconductor
<b>Shutter Max</b>	4 s
<b>Shutter Min</b>	50 μs
<b>Shutter type</b>	Global
<b>Storage</b>	32 GB
<b>Temperature range from</b>	0 °C
<b>Temperature range to</b>	50 °C
<b>The Delay To The External Trigger Strobe</b>	9,1 μs
<b>Weight</b>	0,46 kg
<b>Vibration Resistance</b>	EN60721-3-3/A2, Category 3M8, IEC 60068-2-6, IEC60068-2-64, 10 Hz - 500 Hz, 5 g, 100 min



Dimensions: [inches] millimeters