

IRIS GTR SMART CAMERA

GTR5000

Matrox Iris GTR smart camera 2592x2048 21fps 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

Approvals	FCC Part 15 Class A, CE mark, EN55011 Class A, EN61326-1, ICES-003/NMB-003 Class A
Delay External Trigger	8 µs
Frame Rate Max	21 fps
Gain Max	19.4 dB
IP Class	IP67
IR Cut Filter	Yes
Lens Barrel	C-mount
Memory RAM	2 GB
Mono/Color	Mono
Pixel size	4,8x4,8
Power consumption	10,8 W
Processor	Intel Celeron N2807 (dual core 1.58 GHz)

Resolution	5MP
Resolution Max	2592x2048
Sensor model	PYTHON 5000
Sensor size	1"
Sensor supplier	ON Semiconductor
Shutter Max	4 s
Shutter Min	50 μ s
Shutter type	Global
Storage	32 GB
Temperature range from	0 °C
Temperature range to	50 °C
The Delay To The External Trigger Strobe	10 μ s
Weight	0.46 kg
Vibration Resistance	EN60721-3-3/A2, Category 3M8, IEC 60068-2-6, IEC60068-2-64, 10 Hz - 500 Hz, 5 g, 100 min

