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CAMX104

Iris GTR Smart Camera, 5 MP Monochrome
Matrox (/mfg/matrox) Iris GTR5000

[Configure](#)

- Full-featured smart camera
- 2592 x 2048 monochrome sensor
- IP67 housing
- Choice of Design Assistant, Windows, or Linux

Description

The Matrox® Iris GTR is a family of compact industrial smart cameras. When ordered with the optional Design Assistant software, it becomes a powerful productive solution for automated inspection and robot guidance. Or, the camera is available with the 64-bit Microsoft Windows or Linux operating system, ready for your own custom software app.

This camera model has a 5 MP (2592 x 2048 pixel) resolution monochrome sensor. The dual-core Celeron CPU has 2 GB of memory and 32 GB of eMMC storage.

The Iris GTR hardware integrates all the features needed by typical machine vision installations.

> Compact IP67 design for wet, dirty environments

- > Four opto-coupled inputs with support for an incremental rotary encoder
- > Three outputs
- > Support for liquid lens focusing and light intensity control
- > Gigabit Ethernet interface with optional PLC and robot protocols
- > Connect a touchscreen monitor via VGA and USB ports for a cost-effective HMI
- > Connect an Ethernet thin-client for a remote HMI

Optional Design Assistant (“DA”) software enables you to quickly configure both the inspection tasks and operator interface screens. Inspection tasks are built using an intuitive flowchart -- No programming is required. There is a large pallet of tools for analyzing, locating, measuring, reading and verifying image features.

DA also lets you create web-based operator interface panels. Simply connect a VGA monitor to view your panels. Connect a touchscreen via the USB port provided. Or, view your panels from a web browser on a remote thin-client or mobile device.

Machine Vision Store can help you get started with DA. Matrox offers more comprehensive resources, including both online and on-site training, as well as phone and email support.

Specifications



Configure



Drawing



Accessories



Resources



Warranty & Returns



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