

# Machine Vision Store [\(/account/login\)](/account/login) [\(/docs\)](/docs) ☎ 651-400-7015



CAMX103

**Iris GTR Smart Camera, 2.3 MP Monochrome**  
**[Matrox \(/mfg/matrox\)](/mfg/matrox) Iris GTR2000**

[Configure](#)

- Full-featured smart camera
- 1920 x 1200 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 2.3 MP (1920 x 1200 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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