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ZEBRA IRIS GTX SMART CAMERA

GTX12000
Iris GTX smart camera, monochrome, 4096x3072, XGS12000, 4GB



- High-Performance Processing: Powered by an Intel Atom x6000 series processor, supporting fast, high-resolution image capture with deep learning capabilities for complex visual inspections
- Rugged Industrial Design: Compact, IP67-rated housing and robust M12 connectors make it suitable for demanding environments with dust, moisture, and extreme conditions
- Integrated Autofocus and Lighting Control: Features a Corning Varioptic auto-focus lens and LED lighting intensity control, allowing software-based adjustments to streamline setup and maintenance
- Comprehensive Connectivity: Equipped with Gigabit Ethernet, USB ports, VGA output, and real-time digital I/Os for seamless integration within automation systems
- User-Friendly Vision Software: Aurora Design Assistant provides a flowchart-based interface, enabling fast application development without coding for efficient machine vision deployment

PRODUCT DESCRIPTION

TECHNICAL DATA

3612_Pixel size (µm)	3,2 x 3,2
Approvals	FCC Part 15 Class A, CE mark, EN55011 Class A, EN61326-1, ICES-003/NMB-003 Class A
Frame rate max	28 fps
Gain max	21.5 dB
IP class	IP67
Lens barrel	C-mount
Memory (RAM)	4 GB
Mono/color	Mono
Processor	Intel Atom x6211E
Resolution max	4096 x 3072
Sensor model	XGS 12000
Sensor size	1"

Sensor supplier	ON Semiconductor
Shutter speed max	4.2 s
Shutter speed min	50 µs
Shutter type	Global
Storage	32 GB
Temperature operational max	45 °C
Temperature operational min	0 °C