

Oryx® ORX-10GS-89S6C-C Color 10GigE

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ORYX-10G-310S9C



Stock **#19-793** 1 In Stock

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1

+

C\$6,034⁰⁰

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SPECIFICATIONS

	Spectrum:
Color	
General	
	Type:
Color Camera	
	Model Number:
ORX-10GS-89S6C-C	
	Manufacturer:
FLIR	
	Camera Series:
Oryx®	
Physical & Mechanical Properties	
	Dimensions (mm):
60 x60 x64	
	Weight (g):
386	
	Housing:
Full	
Sensor	
	Image Buffer:
240MB	
	Sensor Format:
1"	
	Resolution (Megapixels):
8.90	
	Frame Rate (fps):
93.00	
	Pixels (H x V):
4,096 x2,160	
	Pixel Size, H x V (µm):
3.45 x3.45	
	Sensing Area, H x V (mm):
14.13 x7.46	
	Imaging Sensor:
Sony IMX255	
	Type of Sensor:
Progressive Scan CMOS	
	Shutter Type:
Global	
	Pixel Depth:
8/10/12 Bit	
	Exposure Time:
5µs - 30s	
	Dynamic Range (dB):
71.57	
	Machine Vision Standard:
GigE Vision	
Electrical	
	Power Consumption (W):
12.6	
Hardware & Interface Connectivity	
	Interface:
10GigE	
	Connector:
GigE interface with Screw Locks	
	Power Supply:
Power Supply Required and Sold Separately:	
USA: #19-803	
Europe: #19-803	
Japan: #19-803	

Korea: Not Available
China: [#19-803](#)

GPIOs:
2 opto-isolated inputs, 2 opto-isolated outputs, 2 non-isolated bi-directional

Synchronization:
Hardware Trigger (GPIO) or Software Trigger

Interface Port Orientation:
Back Panel

GPIO Connector Type:
12-pin Hirose (HR10)

Threading & Mounting

Mount:
C-Mount

Mounting Threads:
1/4-20 with Tripod Mount Adapter [#19-804](#)

Environmental & Durability Factors

Operating Temperature (°C):
0 to +70

Storage Temperature (°C):
-30 to +60

Regulatory Compliance

Certificate of Conformance:
[View](#)

PRODUCT DETAILS

- 10GBASE-T (10GigE) Ethernet Interface
- 3.2 to 31 Megapixel Sony 4th Gen Pregius S Sensors
- Supports 4K60, 12-bit System Integration
- Tripod Adapter Built into Larger Oryx® Models



Teledyne FLIR IIS Oryx 10GigE High throughput, Award-winning camera designs

Reliably capture images at high speed

The **Oryx 10GigE** camera family supports transfer speeds of up to 10 Gbit/s enabling capture of 4K resolution, 12-bit images at speeds exceeding 60 FPS. Reliable image transfer at high bandwidth is further improved with Myricom bundles and packet resend feature. A range of sensor options offer resolutions from 3.2 Megapixel up to 31 Megapixel. Oryx features include IEEE1588 clock synchronization and full compatibility with several popular third-party software supporting GigE Vision. Oryx's 10GBASE-T interface is a proven and widely deployed standard that provides reliable image transfer at cable lengths over 50 meters on inexpensive CAT6A, and up to 30 meters on CAT5e.

Note: The ORX-10G-310S9 and ORX-10G-245S8 cameras require an F-Mount lens adapter (sold separately).

Features

- Color or monochrome sensors
- Various frame triggering options including up to 8 sets of 2-feature sequencer
- Pixel binning, decimation, ROI
- On camera image processing includes Gamma, LUT, and sharpness

Applications

- Stadium venues
- Site security
- Factory automation
- Traffic monitoring
- Inspection systems

CALIBRATION SERVICES