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Oryx® ORX-10GS-89S6C-C Color 10GigE

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ORYX-10G-310S9C

+3

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

- 1 + **C$6,034**.00

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Spectrum:
Color

General

Type:
Color Camera

Model Number:
ORX-10GS-89S6C-C

Manufacturer:
FLIR

Camera Series:
Oryx®

Physical & Mechanical Properties

Dimensions (mm):
60 x 60 x 64

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 x 2,160

Pixel Size, H x V (µm):
3.45 x 3.45

Sensing Area, H x V (mm):
14.13 x 7.46

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-isloated 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:
¼-20 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 Authorized Distributor

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

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