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## Oryx® ORX-10GS-89S6M-C Mono 10GigE (Recertified 05-P)

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ORYX-10G-310S9C



Stock #19-792-RCD-05P **RECERTIFIED** 1 In Stock

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1 MRP ₹4,77,369

Price inclusive of all taxes

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## Product Downloads

Monochrome **Spectrum:**

## General

Monochrome Camera **Type:**

ORX-10GS-89S6M-C **Model Number:**

FLIR **Manufacturer:**

Oryx® **Camera Series:**

## Physical & Mechanical Properties

60 x 60 x 64 **Dimensions (mm):**

386 **Weight (g):**

Full **Housing:**

## Sensor

240MB **Image Buffer:**

1" **Sensor Format:**

8.90 **Resolution (Megapixels):**

93.00 **Frame Rate (fps):**

4,096 x 2,160 **Pixels (H x V):**

3.45 x 3.45 **Pixel Size, H x V (µm):**

14.13 x 7.45 **Sensing Area, H x V (mm):**

Sony IMX255 **Imaging Sensor:**

Progressive Scan CMOS **Type of Sensor:**

Global **Shutter Type:**

8/10/12 Bit **Pixel Depth:**

5µs - 30s **Exposure Time:**

71.57 **Dynamic Range (dB):**

GigE Vision **Machine Vision Standard:**

## Electrical

12.6 **Power Consumption (W):**

## Hardware & Interface Connectivity

10GigE **Interface:**

GigE interface with Screw Locks **Connector:**

**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](#)

**Country of Origin:**  
Canada

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## 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. 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