

Oryx® ORX-10G-71S7C-C Color 10GigE

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ORYX-10G-310S9C



Stock #20-251 1 In Stock

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+

₹3,14,000

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SPECIFICATIONS

General

Color Camera	Type:
ORX-10G-71S7C-C	Model Number:
FLIR	Manufacturer:
Oryx®	Camera Series:
Color	Spectrum:

Physical & Mechanical Properties

60 x60 x 100	Dimensions (mm):
500	Weight (g):
Full	Housing:

Sensor

240MB	Image Buffer:
1.1"	Sensor Format:
7.10	Resolution (Megapixels):
112.00	Frame Rate (fps):
3,208 x 2,200	Pixels (H x V):
4.50 x 4.50	Pixel Size, H x V (µm):
14.44 x 9.90	Sensing Area, H x V (mm):
Sony IMX420	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Shutter Type:
8/10/12 Bit	Pixel Depth:
10µs - 30s	Exposure Time:
71.74	Dynamic Range (dB):
GigE Vision	Machine Vision Standard:

Electrical

13.6	Power Consumption (W):
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Hardware & Interface Connectivity

10GigE	Interface:
GigE interface with Screw Locks	Connector:
Power Supply Required and Sold Separately.	Power Supply:

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:

Built-in 1/4-20 Tripod Mount Adapter

Environmental & Durability Factors

Operating Temperature (°C):

0 to +50

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. 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