

Oryx® ORX-10GS-123S6M-C Mono 10GigE

See More by [Teledyne FLIR](#)



ORYX-10G-310S9C



Stock **#19-798** 1 In Stock

-

1

+

€4.665⁰⁰

ADD TO CART

Volume Pricing	
Qty 1+	€4.665,00 each
Need More?	Request Quote

ⓘ Prices shown are exclusive of VAT/local taxes

Product Downloads

SPECIFICATIONS

MonochromeSpectrum:

General

Monochrome CameraType:
ORX-10GS-123S6M-CModel Number:
FLIRManufacturer:
Onyx®Camera Series:

Physical & Mechanical Properties

60 x60 x64Dimensions (mm):
386Weight (g):
FullHousing:

Sensor

240MBImage Buffer:
1.1"Sensor Format:
12.30Resolution (Megapixels):
68.00Frame Rate (fps):
4,096 x3,000Pixels (H x V):
3.45 x3.45Pixel Size, H x V (µm):
14.13 x10.35Sensing Area, H x V (mm):
Sony IMX253Imaging Sensor:
Progressive Scan CMOSType of Sensor:
GlobalShutter Type:
8/10/12 BitPixel Depth:
5µs - 30sExposure Time:
71.3Dynamic Range (dB):
GigE VisionMachine Vision Standard:

Electrical

13Power Consumption (W):

Hardware & Interface Connectivity

10GigEInterface:
GigE interface with Screw LocksConnector:
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-Mbunt	
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-Mbunt 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