



# FLIR ORYX

P/N: 0RX-10G-71S7

The ORX-10G-71S7 combines a Sony IMX420 global shutter CMOS sensor and a high-speed 10GigE interface to boost your imaging throughput. The IMX420 with selectable conversion gain makes it easy to switch between low read noise and high sensitivity for low-light imaging, and high saturation capacity for more brightly lit conditions.

www.flir.com/products/oryx-10gige

#### **FEATURES**

# HIGH RESOLUTION SENSOR ON HIGH SPEED INTERFACE

Increase throughput by capturing 7.1 MP Global Shutter images at 112 FPS

# RELIABILITY AND SIMPLICITY

10GBASE-T interface supports cables over 60m and makes multi-camera system set-up easy

#### FLEXIBILITY FOR INTEGRATORS

Develop innovative solutions quickly with GigE Vision compatibility and advanced on-camera features

#### **APPLICATIONS**

SPORTS ANALYTICS AND MOTION TRACKING

AUTOMATED OPTICAL INSPECTION

RESEARCH

HIGH-SPEED VOLUMETRIC CAPTURE















SPECS	ORX-10G-71S7M-C	ORX-10G-71S7C-C
Resolution	3208 x 2200	
Frame Rate	112 FPS	
Megapixels	7.1 MP	
Chroma	Mono Color	
Sensor	Sony IMX4	20, CMOS, 1.1"
Readout Method	Glob	al shutter
Pixel Size	4.	.5 μm
Lens Mount	C-	mount
ADC	8-bit, 10-l	oit, and 12-bit
Minimum Frame Rate*	1	I FPS
Gain Range*	0 to	o 47 dB
Exposure Range*	10 μs to 30 s	
Acquisition Modes	Continuous, Single Frame, Multi Frame	
Partial Image Modes	Pixel binning	, decimation, ROI
Image Processing	Gamma, lookup table, and sharpness	Color correction matrix, gamma, lookup table, saturation, and sharpness
Sequencer	Up to 8 sets	using 2 features
Image Buffer	24	40 MB
User Sets	2 user configuration sets	for custom camera settings
Flash Memory	4 MB non-v	olatile memory
Opto-isolated I/O	2 inpu	t, 2 output
Non-isolated I/O	2 bi-directional	
Serial Port	1 (over non-isolated I/O)	
Auxiliary Output	3.3 V, 120 mA maximum	
Interface	10GigE	
Power Requirements	Externally powered over GPIO (12 - 24 V)	
Power Consumption	13.6 W maximu	m (13.2 W nominal)
Dimensions/Mass	60 mm x 60 mr	m x 100 mm / 500 g
Machine Vision Standard	Gigi	E Vision
Time Synchronization Protocol	IEEE 1588 Precision Time Protocol	
Compliance	CE, FCC, KCC, RoHS, REACH. TI	he ECCN for this product is: EAR099.
Temperature	Operating Storage:	g: 0°C to 50°C -30°C to 60°C
Humidity		80% (no condensation) 5% (no condensation)
Warranty	3	years

<sup>\*</sup>Ranges are the same in binning and no binning modes.

# **FLIR Integrated Imaging Solutions**

www.flir.com/mv NASDAQ: FLIR

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VN: 19-2602-OEM-ORX-10G-71S7-ENG-v1

















# FLIR ORYX°

P/N: 0RX-10G-89S6

### **ULTRA-HIGH RESOLUTION**

The award winning Oryx 10GigE camera family allows systems designers to take advantage of the latest sensors by supporting transfer speeds up to 10Gbit/s enabling the capture of 4K resolution, 12-bit images at over 60FPS. 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, or greater than 30 m on CAT5e. Oncamera features including IEEE1588 clock synchronization and full compatibility with popular third-party software supporting GigE Vision, gives system designers the tools to quickly develop innovative solutions.

www.flir.com/products/oryx-10gige

#### **FEATURES**

# HIGH RESOLUTION SENSOR ON HIGH SPEED INTERFACE

Increase throughput by capturing 8.9 MP Global Shutter images at 93 FPS

# RELIABILITY AND SIMPLICITY

10GBASE-T interface supports cables over 60m and makes multi-camera system set-up easy

#### FLEXIBILITY FOR INTEGRATORS

Develop innovative solutions quickly with GigE Vision compatibility and advanced on-camera features

#### **APPLICATIONS**

SPORTS ANALYTICS AND MOTION TRACKING

AUTOMATED OPTICAL INSPECTION

RESEARCH

LARGE VOLUME 3D SCANNING

BROADCAST + VR





GIGE GEN IN IEEE 1588 Pregius









# **SPECIFICATIONS**

SPECS	ORX-10G-89S6M-C	ORX-10G-89S6C-C
Resolution	4096 x 2160	
Frame Rate	93 FPS	
Megapixels	8.9 MP	
Chroma	Mono Color	
Sensor	Sony IMX2	55, CMOS, 1"
Readout Method	Globa	l shutter
Pixel Size	3.4	5 μm
Lens Mount	C-r	nount
ADC	8-bit, 10-b	it, and 12-bit
Minimum Frame Rate*	1	FPS
Gain Range*	0 to	47 dB
Exposure Range*	5 μs	to 30 s
Acquisition Modes	Continuous, Single Frame, Multi Frame	
Partial Image Modes	Pixel binning,	decimation, ROI
Image Processing	Gamma, lookup table, and sharpness	Color correction matrix, gamma, lookup table, saturation, and sharpness
Sequencer	Up to 8 sets	using 2 features
Image Buffer	24	0 MB
User Sets	2 user configuration sets	for custom camera settings
Flash Memory	4 MB non-vo	platile memory
Opto-isolated I/O	2 input	, 2 output
Non-isolated I/O	2 bi-directional	
Serial Port	1 (over non-isolated I/O)	
Auxiliary Output	3.3 V, 120 mA maximum	
Interface	10GigE	
Power Requirements	Externally powered over GPIO (12 - 24 V)	
Power Consumption	12.6 W maximur	n (12.3 W nominal)
Dimensions/Mass	60 mm x 60 mm	n x 100 mm / 500 g
Machine Vision Standard	GigE	Vision
Time Synchronization Protocol	IEEE 1588 Precision Time Protocol	
Compliance	CE, FCC, KCC, RoHS, REACH. Th	e ECCN for this product is: EAR099.
Temperature		: 0°C to 50°C 30°C to 60°C
Humidity	, ,	90% (no condensation) 5% (no condensation)
Warranty	3 )	years

<sup>\*</sup>Ranges are the same in binning and no binning modes.

#### **FLIR Integrated Imaging Solutions**

www.flir.com NASDAQ: FLIR

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VN: 19-2602-OEM-ORX-10G-89S6-v3

FIND THE BEST ORYX FOR YOUR NEEDS















# FLIR ORYX°

P/N: 0RX-10G-123S6

#### **ULTRA-HIGH RESOLUTION**

The award winning Oryx 10GigE camera family allows systems designers to take advantage of the latest sensors by supporting transfer speeds up to 10Gbit/s enabling the capture of 4K resolution, 12-bit images at over 60FPS. 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, or greater than 30 m on CAT5e. Oncamera features including IEEE1588 clock synchronization and full compatibility with popular third-party software supporting GigE Vision, gives system designers the tools to quickly develop innovative solutions.

www.flir.com/products/oryx-10gige

#### **FEATURES**

# HIGH RESOLUTION SENSOR ON HIGH SPEED INTERFACE

Increase throughput by capturing 12.3 MP Global Shutter images at 68 FPS

# RELIABILITY AND SIMPLICITY

10GBASE-T interface supports cables over 60m and makes multi-camera system set-up easy

#### FLEXIBILITY FOR INTEGRATORS

Develop innovative solutions quickly with GigE Vision compatibility and advanced on-camera features

#### **APPLICATIONS**

SPORTS ANALYTICS AND MOTION TRACKING

AUTOMATED OPTICAL INSPECTION

RESEARCH

LARGE VOLUME 3D SCANNING

BROADCAST + VR





*GiG*≡ GEN**⟨i⟩**CAM *IEEE 1588* 





# **SPECIFICATIONS**

SPECS	ORX-10G-123S6M-C	ORX-10G-123S6C-C	
Resolution	4096 x 3000		
Frame Rate	68 FPS		
Megapixels	12.3 ľ	MP	
Chroma	Mono	Color	
Sensor	Sony IMX253,	CMOS, 1.1"	
Readout Method	Global s	hutter	
Pixel Size	3.45 μ	ım	
Lens Mount	C-mo	unt	
ADC	8-bit, 10-bit,	and 12-bit	
Minimum Frame Rate*	1 FP	PS .	
Gain Range*	0 to 47	dB	
Exposure Range*	5 µs to 30 s		
Acquisition Modes	Continuous, Single Frame, Multi Frame		
Partial Image Modes	Pixel binning, de	ecimation, ROI	
Image Processing	Gamma, lookup table, and sharpness	Color correction matrix, gamma, lookup table, saturation, and sharpness	
Sequencer	Up to 8 sets usi	ng 2 features	
Image Buffer	240 N	<b>Л</b> В	
User Sets	2 user configuration sets for	custom camera settings	
Flash Memory	4 MB non-vola	tile memory	
Opto-isolated I/O	2 input, 2	output	
Non-isolated I/O	2 bi-directional		
Serial Port	1 (over non-isolated I/O)		
Auxiliary Output	3.3 V, 120 mA maximum		
Interface	10GigE		
Power Requirements	Externally powered or	ver GPIO (12 - 24 V)	
Power Consumption	13 W maximum (1	2.8 W nominal)	
Dimensions/Mass	60 mm x 60 mm x	100 mm / 500 g	
Machine Vision Standard	GigE Vi	ision	
Time Synchronization Protocol	IEEE 1588 Precisio	IEEE 1588 Precision Time Protocol	
Compliance	CE, FCC, KCC, RoHS, REACH. The E	ECCN for this product is: EAR099.	
Temperature	Operating: 0 Storage: -30'		
Humidity		Operating: 20% to 80% (no condensation) Storage: 30% to 95% (no condensation)	
Warranty	3 уеа	ars	

<sup>\*</sup>Ranges are the same in binning and no binning modes.

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VN: 19-2602-OEM-ORX-10G-123S6-v1

FIND THE BEST ORYX FOR YOUR NEEDS















# FLIR ORYX°

P/N: ORX-10G-310S9

**ULTRA-HIGH RESOLUTION** 

This Oryx model features Sony IMX342 Pregius global shutter CMOS sensor and maximizes your imaging output by delivering 31MP images at 26 FPS over its 10GigE interface. It is designed with flexibility in mind with it's flat front providing easy support for custom optics or standard F-mount lenses with an optional lens mount accessory.

www.flir.com/products/oryx-10gige

#### **FEATURES**

# HIGH RESOLUTION SENSOR ON HIGH SPEED INTERFACE

Increase throughput by capturing 31 MP Global Shutter images at 26 FPS

# RELIABILITY AND SIMPLICITY

10GBASE-T interface supports cables over 60m and makes multi-camera system set-up easy

#### FLEXIBILITY FOR INTEGRATORS

Develop innovative solutions quickly with GigE Vision compatibility and advanced on-camera features

#### **APPLICATIONS**

SPORTS ANALYTICS AND MOTION TRACKING

AUTOMATED OPTICAL INSPECTION

RESEARCH

LARGE VOLUME 3D SCANNING





GIGE GEN ISEE 1588





SPECS	ORX-10G-310S9M	ORX-10G-310S9C
Resolution	6464 x 4852	
Frame Rate	26 FPS	
Megapixels	31 MP	
Chroma	Mono Color	
Sensor	Sony IMX342,	CMOS, APS-C
Readout Method	Global	shutter
Pixel Size	3.45	5 μm
Lens Mount	Sold se	eparately
ADC	8-bit, 10-bi	t, and 12-bit
Minimum Frame Rate*	1 i	FPS
Gain Range*	0 to 4	47 dB
Exposure Range*	39 μs to 30 s	
Acquisition Modes	Continuous, Single Frame, Multi Frame	
Partial Image Modes	Pixel binning,	decimation, ROI
Image Processing	Gamma, lookup table, and sharpness	Color correction matrix, gamma, lookup table, saturation, and sharpness
Sequencer	Up to 8 sets u	sing 2 features
Image Buffer	240 MB, maxi	imum 1 image
User Sets	2 user configuration sets f	or custom camera settings
Flash Memory	4 MB non-vo	latile memory
Opto-isolated I/O	2 input,	2 output
Non-isolated I/O	2 bi-directional	
Serial Port	1 (over non-isolated I/O)	
Auxiliary Output	3.3 V, 120 mA maximum	
Interface	10GigE	
Power Requirements	Externally powered over GPIO (12 - 24 V)	
Power Consumption	13.9 W maximum	n (13.6 W nominal)
Dimensions/Mass	60 mm x 60 mm	x 115 mm / 508 g
Machine Vision Standard	GigE	Vision
Time Synchronization Protocol	IEEE 1588 Precisi	ion Time Protocol
Compliance	CE, FCC, KCC, RoHS, REACH. The	ECCN for this product is: EAR099.
Temperature		0°C to 50°C 80°C to 60°C
Humidity	Operating: 20% to 80% (no condensation) Storage: 30% to 95% (no condensation)	



**OPTIONAL F-MOUNT** ACC-01-5014

# **FLIR Integrated Imaging Solutions**

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VN: ORX-10G-310S9-ENG-v8

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<sup>\*</sup>Ranges are the same in binning and no binning modes.





# FLIR ORYX°

P/N: ORX-10GS-51S5

### **FAST AND VERSATILE**

The award winning Oryx 10GigE camera family allows systems designers to take advantage of the latest sensors by supporting transfer speeds up to 10Gbit/s enabling the capture of 5 megapixel. 8-bit images at 163 FPS. 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, or greater than 30 m on CAT5e. On-camera features including IEEE1588 clock synchronization and full compatibility with popular third-party software supporting GigE Vision, gives system designers the tools to quickly develop innovative solutions.

www.flir.com/products/oryx-10gige

#### **FEATURES**

# HIGH RESOLUTION SENSOR ON HIGH SPEED INTERFACE

Increase throughput by capturing 12.3 MP Global Shutter images at 68 FPS

# RELIABILITY AND SIMPLICITY

10GBASE-T interface supports cables over 60m and makes multi-camera system set-up easy

#### FLEXIBILITY FOR INTEGRATORS

Develop innovative solutions quickly with GigE Vision compatibility and advanced on-camera features

#### **APPLICATIONS**

SPORTS ANALYTICS AND MOTION TRACKING

AUTOMATED OPTICAL INSPECTION

RESEARCH

LARGE VOLUME 3D SCANNING

BROADCAST + VR





GIGE GEN<i>CAM IEEE 1588









#### **SPECIFICATIONS**

Sequencer Up to 8 sets using 2 feature Image Buffer 240 MB User Sets 2 user configuration sets for custom configuration sets f	i Frame	
Megapixels 5 MP Chroma Mono Sensor Sony IMX250, CMOS, 2/3 Readout Method Global shutter Pixel Size 3.45 µm Lens Mount C-mount ADC 8-bit, 10-bit, and 12-bit Minimum Frame Rate* 1 FPS Gain Range* 0 to 47 dB Exposure Range* 3 µs to 30 s Acquisition Modes Continuous, Single Frame, Multipartial Image Modes Pixel binning, decimation, Image Processing Gamma, lookup table, and sharpness Color corretable, s Sequencer Up to 8 sets using 2 feature Image Buffer 240 MB User Sets 2 user configuration sets for custom of the set of the se	i Frame	
Chroma Mono Sensor Sony IMX250, CMOS, 2/3 Readout Method Global shutter Pixel Size 3.45 µm Lens Mount C-mount ADC 8-bit, 10-bit, and 12-bit Minimum Frame Rate* 1 FPS Gain Range* 0 to 47 dB Exposure Range* 3 µs to 30 s Acquisition Modes Continuous, Single Frame, Mul- Partial Image Modes Pixel binning, decimation, Image Processing Gamma, lookup table, and sharpness Color corre table, s Sequencer Up to 8 sets using 2 featur Image Buffer 240 MB User Sets 2 user configuration sets for custom of the color of the	i Frame	
Sensor Sony IMX250, CMOS, 2/3 Readout Method Global shutter Pixel Size 3.45 µm  Lens Mount C-mount  ADC 8-bit, 10-bit, and 12-bit Minimum Frame Rate* 1 FPS  Gain Range* 0 to 47 dB  Exposure Range* 3 µs to 30 s  Acquisition Modes Continuous, Single Frame, Multipartial Image Modes Pixel binning, decimation, Image Processing Gamma, lookup table, and sharpness Color corretable, s  Sequencer Up to 8 sets using 2 feature Image Buffer 240 MB  User Sets 2 user configuration sets for custom careful from the continuous of the continuous o	i Frame	
Readout Method Pixel Size 3.45 µm Lens Mount C-mount ADC 8-bit, 10-bit, and 12-bit Minimum Frame Rate* 1 FPS Gain Range* 0 to 47 dB Exposure Range* 3 µs to 30 s Acquisition Modes Continuous, Single Frame, Multer Acquisition Modes Pixel binning, decimation, Image Processing Gamma, lookup table, and sharpness Sequencer Up to 8 sets using 2 featur Image Buffer 240 MB User Sets 2 user configuration sets for custom of Flash Memory 4 MB non-volatile memory Opto-isolated I/O 2 input, 2 output Non-isolated I/O Auxiliary Output 1 (over non-isolated I/O) Auxiliary Output Power Requirements Externally powered over GPIO (12 over Consumption) Economic Acquisition Sets Indicated I/O (12 over Requirements) Externally powered over GPIO (12 over Consumption) 12.3 W maximum (11.7 W note)	i Frame	
Pixel Size  Lens Mount  C-mount  ADC  8-bit, 10-bit, and 12-bit  Minimum Frame Rate*  1 FPS  Gain Range*  0 to 47 dB  Exposure Range*  3 µs to 30 s  Acquisition Modes  Continuous, Single Frame, Multerial Image Modes  Pixel binning, decimation,  Image Processing  Gamma, lookup table, and sharpness  Sequencer  Up to 8 sets using 2 featur  Image Buffer  240 MB  User Sets  2 user configuration sets for custom of the set of the se	ROI	
Lens Mount  ADC  8-bit, 10-bit, and 12-bit  Minimum Frame Rate*  1 FPS  Gain Range*  0 to 47 dB  Exposure Range*  3 µs to 30 s  Acquisition Modes  Continuous, Single Frame, Mul- Partial Image Modes  Pixel binning, decimation,  Image Processing  Gamma, lookup table, and sharpness  Sequencer  Up to 8 sets using 2 featur  Image Buffer  240 MB  User Sets  2 user configuration sets for custom of the set of th	ROI	
ADC  8-bit, 10-bit, and 12-bit Minimum Frame Rate*  1 FPS  Gain Range*  0 to 47 dB  Exposure Range*  Acquisition Modes  Continuous, Single Frame, Mult Partial Image Modes  Pixel binning, decimation, Image Processing  Gamma, lookup table, and sharpness  Sequencer  Up to 8 sets using 2 featur Image Buffer  240 MB  User Sets  2 user configuration sets for custom cate Flash Memory  4 MB non-volatile memory Opto-isolated I/O 2 input, 2 output Non-isolated I/O Auxiliary Output  1 (over non-isolated I/O) Auxiliary Output  1 (over non-isolated I/O) Auxiliary Output  Externally powered over GPIO (1) Power Consumption  12.3 W maximum (11.7 W notes)	ROI	
Minimum Frame Rate*       1 FPS         Gain Range*       0 to 47 dB         Exposure Range*       3 μs to 30 s         Acquisition Modes       Continuous, Single Frame, Mul         Partial Image Modes       Pixel binning, decimation,         Image Processing       Gamma, lookup table, and sharpness       Color corretable, stable,	ROI	
Gain Range*  Exposure Range*  Acquisition Modes  Continuous, Single Frame, Mul- Partial Image Modes  Pixel binning, decimation, Image Processing  Gamma, lookup table, and sharpness  Sequencer  Up to 8 sets using 2 featur Image Buffer  240 MB  User Sets  2 user configuration sets for custom ca Flash Memory  4 MB non-volatile memory  Opto-isolated I/O  2 input, 2 output  Non-isolated I/O  2 bi-directional  Serial Port  1 (over non-isolated I/O)  Auxiliary Output  Interface  10GigE  Power Requirements  Externally powered over GPIO (12)  Power Consumption  12.3 W maximum (11.7 W note)	ROI	
Exposure Range* Acquisition Modes Continuous, Single Frame, Multiple Partial Image Modes Pixel binning, decimation, Image Processing Gamma, lookup table, and sharpness Sequencer Up to 8 sets using 2 feature Image Buffer 240 MB User Sets 2 user configuration sets for custom can be set of the set o	ROI	
Acquisition Modes Partial Image Modes Pixel binning, decimation, Image Processing Gamma, lookup table, and sharpness Sequencer Up to 8 sets using 2 featur Image Buffer 240 MB User Sets 2 user configuration sets for custom of Flash Memory 4 MB non-volatile memory Opto-isolated I/O 2 input, 2 output Non-isolated I/O 3 2 bi-directional Serial Port 1 (over non-isolated I/O) Auxiliary Output 1 3.3 V, 120 mA maximum Interface 10 GigE Power Requirements Externally powered over GPIO (12) Power Consumption 12.3 W maximum (11.7 W notes)	ROI	
Partial Image Modes  Pixel binning, decimation, Image Processing  Gamma, lookup table, and sharpness  Sequencer  Up to 8 sets using 2 featur Image Buffer  240 MB  User Sets  2 user configuration sets for custom ca Flash Memory  4 MB non-volatile memor Opto-isolated I/O  2 input, 2 output Non-isolated I/O  3 bi-directional Serial Port  1 (over non-isolated I/O) Auxiliary Output  Interface  10GigE  Power Requirements  Externally powered over GPIO (1) Power Consumption  Color corrections Calculated I/O Auxiliary  Color corrections Color corrections Calculated I/O Better United Interface  10GigE  Power Consumption  12.3 W maximum (11.7 W not	ROI	
Image Processing  Gamma, lookup table, and sharpness  Sequencer  Up to 8 sets using 2 featur Image Buffer  240 MB  User Sets  2 user configuration sets for custom ca Flash Memory  4 MB non-volatile memor  Opto-isolated I/O  2 input, 2 output  Non-isolated I/O  2 bi-directional  Serial Port  1 (over non-isolated I/O)  Auxiliary Output  3.3 V, 120 mA maximum  Interface  10GigE  Power Requirements  Externally powered over GPIO (1)  Power Consumption  Color corretable, so Color corretable, s		
Sequencer Up to 8 sets using 2 feature Image Buffer 240 MB User Sets 2 user configuration sets for custom configuration sets f	ction matrix, gamma, lookun	
Image Buffer 240 MB  User Sets 2 user configuration sets for custom configuration sets for custo	aturation, and sharpness	
User Sets 2 user configuration sets for custom care Flash Memory 4 MB non-volatile memory 2 input, 2 output Non-isolated I/O 2 bi-directional Serial Port 1 (over non-isolated I/O) Auxiliary Output 3.3 V, 120 mA maximum Interface 10GigE  Power Requirements Externally powered over GPIO (12 Power Consumption 12.3 W maximum (11.7 W non-isolated I/O) 12.3 W maximum (1	es	
Flash Memory  Opto-isolated I/O  2 input, 2 output  Non-isolated I/O  2 bi-directional  Serial Port  1 (over non-isolated I/O)  Auxiliary Output  Interface  10GigE  Power Requirements  Externally powered over GPIO (1)  Power Consumption  4 MB non-volatile memory  2 input, 2 output  1 (over non-isolated I/O)  2 bi-directional  3 3 V, 120 mA maximum  10GigE  Externally powered over GPIO (1)		
Opto-isolated I/O 2 input, 2 output Non-isolated I/O 2 bi-directional Serial Port 1 (over non-isolated I/O) Auxiliary Output 3.3 V, 120 mA maximum Interface 10GigE Power Requirements Externally powered over GPIO (1 Power Consumption 12.3 W maximum (11.7 W not	mera settings	
Non-isolated I/O 2 bi-directional  Serial Port 1 (over non-isolated I/O)  Auxiliary Output 3.3 V, 120 mA maximum  Interface 10GigE  Power Requirements Externally powered over GPIO (1  Power Consumption 12.3 W maximum (11.7 W non-isolated I/O)	у	
Serial Port 1 (over non-isolated I/O) Auxiliary Output 3.3 V, 120 mA maximum Interface 10GigE  Power Requirements Externally powered over GPIO (1 Power Consumption 12.3 W maximum (11.7 W non-		
Auxiliary Output  3.3 V, 120 mA maximum Interface  10GigE  Power Requirements  Externally powered over GPIO (1  Power Consumption  12.3 W maximum (11.7 W nor	2 bi-directional	
Interface 10GigE  Power Requirements Externally powered over GPIO (1  Power Consumption 12.3 W maximum (11.7 W nor	1 (over non-isolated I/O)	
Power Requirements Externally powered over GPIO (1 Power Consumption 12.3 W maximum (11.7 W not	3.3 V, 120 mA maximum	
Power Consumption 12.3 W maximum (11.7 W nor		
<u> </u>	2 - 24 V)	
Dimensions/Mass 60 mm v 60 mm v 60 mm v 60 mm v	ninal)	
00 mm x 04 mm x 04 mm x	86 g	
Machine Vision Standard GigE Vision		
Time Synchronization IEEE 1588 Precision Time Pro	tocol	
Compliance CE, FCC, RoHS, REACH. The ECCN for this	dt : FAR000	
Temperature Operating: 0°C to 70°C (case Storage: -30°C to 60°C (amb	oroduct is: EAR099.	
Humidity Operating: 20% to 80% (no conde	e)	
Warranty 3 years	e) ent) ensation)	

<sup>\*</sup>Ranges are the same in binning and no binning modes.

#### **FLIR Integrated Imaging Solutions**

www.flir.com NASDAQ: FLIR

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VN: 20-0483-OEM-ORX-10GS-51S5-v2

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