

LUCID Vision Labs Helios™2 Time of Flight (ToF) Camera

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LUCID Helios™2 Time of Flight (ToF) Cameras

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+

€1.800^{.00}

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€1.800,00
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SPECIFICATIONS

General

Monochrome Camera	Type:
Lucid Vision Labs	Manufacturer:

Helios™	Camera Family:
HLT003S-001	Model Number:
-	Contents of Kit:
Physical & Mechanical Properties	
60 x 60 x 77.5 (excludes connectors and lens mount)	Dimensions (mm):
398	Weight (g):
Full	Housing:
Sensor	
Sony DepthSense IMX556	Imaging Sensor:
Progressive Scan CMOS	Type of Sensor:
Global	Type of Shutter:
1/2"	Camera Sensor Format:
0.30	Resolution (MegaPixels):
640 x 480	Pixels (H x V):
10 x 10	Pixel Size, H x V (µm):
0.64 x 0.48	Sensing Area, H x V (mm):
30.00	Frame Rate (fps):
8/12/16 bit	Pixel Depth:
62.5 µs, 250 µs or 1000 µs	Exposure Time:
Standard	Dynamic Range (dB):
GigE Vision v2.0	Machine Vision Standard:
Electrical	
12 - 30	Power Consumption (W):
Hardware & Interface Connectivity	
GigE (PoE+)	Video Output:
GigE, M12	Connector:
Power over Ethernet (PoE) or via GPIO with 12-24VDC Power Supply	Power Supply:
1 opto-isolated input, 1 opto-isolated output, 2 non-isolated bi-directional ports	GPIOs:
Hardware Trigger (GPIO), Software Trigger, or PTP (IEEE 1588)	Synchronization:
Back Panel	Interface Port Orientation:
8-pin M8	GPIO Connector Type:
Threading & Mounting	
N/A	Mounting Threads:
N/A	Mount:
Environmental & Durability Factors	
-20° to 50°C	Operating Temperature (°C):

-20° to 50°C

Storage Temperature (°C):

Regulatory Compliance

Exempt

RoHS:

View

Certificate of Conformance:

PRODUCT DETAILS

- Ideal for Robotics and Automation Applications
- IP67 Rated 3D Cameras
- Available Kits Feature 3D and 2D RGB Solutions

LUCID Helios™2 Time of Flight (ToF) Cameras are 3D cameras featuring Sony's DepthSense sensor, engineered for high performance operation in industrial environments. Built for demanding 24/7 environments, these cameras are ideal for robotics, 3D inspection, advanced material handling, sorting and pick and place applications. LUCID Helios™2 Time of Flight (ToF) Cameras feature enhanced calibration between the VCSELs and sensor timing, resulting in higher 3D detail, along with improved edge detection to reduce flying pixels and overall noise. For an even higher performance option, the Helios™2+ offers high dynamic range and high-speed modes for precise and quick analyzation. Available kits feature a Helios™2 ToF Camera, 3.2MP Triton Camera, lens tubes, cables, and accessories required for creating dust proof, water-resistant color point clouds.