

[See all 13 Products in Family](#)

# M8205, APS-C Monochrome, Teledyne DALSA Genie Nano 10GigE PoE Camera

See More by [Teledyne DALSA](#)



Teledyne DALSA Genie™ Nano 10GigE Cameras - Front



Stock **#28-680** [CONTACT US](#)

MRP ₹7,24,284

**Price inclusive of all taxes**

**ADD TO CART**

Volume Pricing	
Qty 1+	₹7,24,284 each
Need More?	<a href="#">Request Quote</a>

## Product Downloads

Monochrome **Spectrum:**

## General

Monochrome Camera **Type:**

G6-GM31-M8205 **Model Number:**

Teledyne DALSA  
Genie Nano-10GigE

**Manufacturer:**  
**Camera Series:**

## Physical & Mechanical Properties

59 x 59 x 41 (excludes connectors and lens mount)

**Dimensions (mm):**

183

**Weight (g):**

Full

**Housing:**

## Sensor

APS-C

**Sensor Format:**

67.10

**Resolution (Megapixels):**

13.80

**Frame Rate (fps):**

8,192 x 8,192

**Pixels (H x V):**

2.50 x 2.50

**Pixel Size, H x V (µm):**

20.48 x 20.48

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

Teledyne e2v Emerald 67M

**Imaging Sensor:**

Progressive Scan CMOS

**Type of Sensor:**

Global

**Shutter Type:**

8/10 bit

**Pixel Depth:**

Automatic, Programmable, or via External Trigger

**Exposure Time:**

62.00

**Dynamic Range (dB):**

GigE Vision v2.0

**Machine Vision Standard:**

## Electrical

12.5

**Power Consumption (W):**

## Hardware & Interface Connectivity

10GigE (PoE)

**Interface:**

5GigE, RJ45 with Screw Locks

**Connector:**

2 opto-isolated input, 3 opto-isolated output

**GPIOs:**

Hardware Trigger (GPIO) or Software Trigger

**Synchronization:**

Back Panel

**Interface Port Orientation:**

6-pin Hirose (HR10)

**GPIO Connector Type:**

## Threading & Mounting

M42-Mbunt

**Mount:**

¼-20 with Tripod Mount Adapter [#34-966](#)

**Mounting Threads:**

## Environmental & Durability Factors

-20 to +60

**Operating Temperature (°C):**

-30 to +60

**Storage Temperature (°C):**

## Regulatory Compliance

Exempt

**RoHS 2015:**

**Certificate of Conformance:**

[View](#)

---

<b>Contains SVHC(s)</b>	<b>Reach 235:</b>
<b>Country of Origin:</b>	
Canada	
<b>Imported By:</b>	
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

- Up to 67.10 MP Resolution with Framrates up to 18.50FPS
- Supports Trigger-to-Image Reliability (T2IR) Framework
- Compact (44 x 59 x 59mm), M42-Mbunt, Lightweight, and Robust All Metal Design



Teledyne  
Authorized  
Distributor

Teledyne DALSA Genie™ Nano 10GigE Cameras are designed with the 10GBASE-T (10GigE) Ethernet Interface and can also run at ethernet link speeds of 1, 2.5, or 5GigE. These M42-mount cameras are available with either the Teledyne e2v Emerald 36M sensor featuring a 1.4" format or the Teledyne e2v Emerald 67M sensor which features an APS-C format. Genie™ Nano cameras support Sapera LT SDKs and 3rd Party GenICam compliant SDKs allowing for upgrading current systems without changing application software. Teledyne DALSA Genie™ Nano 10GigE Cameras support the Trigger-to-Image Reliability (T2IR) framework which is a combination of hardware and software features that work together at a system level to help improve the reliability and reduce the downtime of imaging systems. These cameras are ideal for applications involving Electronics Manufacturing Inspection, Intelligent Traffic Systems, and Aerial Imaging.

**Sapera LT** is a free image acquisition and control software development toolkit (SDK) for Teledyne DALSA'S 1D cameras / 2D cameras / 3D Laser Profiler cameras and frame grabbers. Hardware independent in nature, Sapera LT offers a rich development ecosystem for machine vision OEMs and system integrators. Sapera LT supports image acquisition from cameras and frame grabbers based on machine vision standards including GigE Vision™, CameraLink®, CameraLink HS™, CoaXpress®, and USB3 Vision™.

;