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# Teledyne DALSA Genie™ Nano GigE Power over Ethernet (PoE) Cameras

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- TurboDrive™ Technology Achieve Frame Rate up to 800 fps
- Compact, Lightweight, Robust All Metal Body
- Global Electronic Shutter with Exposure Control and Advanced Feature Set



## Common Specifications

### General

<b>Manufacturer:</b>	Teledyne DALSA	<b>Camera Series:</b>	Genie Nano-1GigE
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### Physical & Mechanical Properties

<b>Dimensions (mm):</b>	40.6 x 29.0 x 44.0 (includes connectors and lens mount)	<b>Weight (g):</b>	46
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<b>Housing:</b>	Full
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### Sensor

<b>Type of Sensor:</b>	Progressive Scan CMOS
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<b>Shutter Type:</b>	Global	<b>Exposure Time:</b>	Programmable or via external trigger
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<b>Machine Vision Standard:</b>	GigE Vision v1.2
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### Electrical

<b>Power Consumption (W):</b>	3.6 - 4.6 (12VDC External Power Supply) 4.0 - 4.9 (PoE)
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### Hardware & Interface Connectivity

<b>Interface:</b>	GigE (PoE)	<b>Connector:</b>	GigE, RJ45 with Screw Locks
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<b>Power Supply:</b>	Power over Ethernet (PoE) or via GPIO	<b>GPIOs:</b>	2 digital input, 2 digital output
<b>Synchronization:</b>	Hardware Trigger (GPIO), Software Trigger, Free-Run, or PTP (IEEE 1588)	<b>Interface Port Orientation:</b>	Back Panel
<b>GPIO Connector Type:</b>	10-pin Samtec		

**Threading & Mounting**

<b>Mount:</b>	C-Mount
<b>Mounting Threads:</b>	¼-20 with Tripod Mount Adapter <a href="#">#34-966</a>

**Environmental & Durability Factors**

<b>Operating Temperature (°C):</b>	-20 to +60
<b>Storage Temperature (°C):</b>	-40 to +80

**Technical Information**

Products

Type	Model Number	Sensor Format	Resolution (Megapixels)	Connector	Mount	Stock Number	Price	Buy
Monochrome Camera	Nano-M640	1/4"	0.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-950</a>	₹42,282	10 to 12 days
Color Camera	Nano-C640	1/4"	0.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-951</a>	₹47,067	10 to 12 days
Monochrome Camera	Nano-M1280	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-952</a>	₹47,502	10 to 12 days
Color Camera	Nano-C1280	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-953</a>	₹50,721	10 to 12 days
NIR Camera	Nano-M1280 NIR	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#14-675</a>	₹51,156	10 to 12 days
Monochrome Camera	Nano-M1920	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-954</a>	₹49,329	10 to 12 days
Color Camera	Nano-C1920	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-955</a>	₹50,721	10 to 12 days
Monochrome Camera	Nano-M1930	2/3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-958</a>	₹62,118	10 to 12 days
Color Camera	Nano-C1930	2/3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-959</a>	₹66,207	10 to 12 days
NIR Camera	Nano-M1930 NIR	2/3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#14-676</a>	₹75,342	7 days
Monochrome Camera	Nano-M1940	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-956</a>	₹87,261	10 to 12 days
Color Camera	Nano-C1940	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-957</a>	₹88,653	10 to 12 days
Monochrome Camera	Nano-M2020	1/1.8"	3.10	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-960</a>	₹52,548	10 to 12 days
Color Camera	Nano-C2020	1/1.8"	3.10	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-961</a>	₹53,940	10 to 12 days

Monochrome Camera	Nano-M2420	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-962</a>	₹89,088	10 to 12 days
Color Camera	Nano-C2420	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-963</a>	₹90,915	Contact Us
Monochrome Camera	Nano-M2590	1"	5.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-964</a>	₹92,307	10 to 12 days
Color Camera	Nano-C2590	1"	5.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#34-965</a>	₹95,439	10 to 12 days
NIR Camera	Nano-M2590 NIR	1"	5.30	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#14-677</a>	₹99,093	10 to 12 days
Monochrome Camera	Nano-M4020	1.1"	12.00	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#35-911</a>	₹2,11,932	10 to 12 days
Color Camera	Nano-C4020	1.1"	12.00	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#35-912</a>	₹2,13,324	10 to 12 days
Monochrome Camera	Nano-M4040	1.1"	12.40	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#14-697</a>	₹2,64,480	Contact Us
Color Camera	Nano-C4040	1.1"	12.40	GigE, RJ45 with Screw Locks	C-Mount	<a href="#">#14-698</a>	₹2,90,058	Contact Us



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