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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

Manufacturer:	Teledyne DALSA	Camera Family:	Genie Nano-1GigE
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Physical & Mechanical Properties

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

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

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

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

Threading & Mounting

Mounting Threads:	1/4-20 with Tripod Mount Adapter #34-966
Mount:	C-Mount

Environmental & Durability Factors

Operating Temperature (°C):	-20 to +60
Storage Temperature (°C):	-40 to +80

Technical Information

Products

Type	Model Number	Camera 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	#34-950	€463,00	3-4 days
Color Camera	Nano-C640	1/4"	0.30	GigE, RJ45 with Screw Locks	C-Mount	#34-951	€515,00	3-4 days
Monochrome Camera	Nano-M1280	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	#34-952	€520,00	Contact Us
Color Camera	Nano-C1280	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	#34-953	€555,00	3-4 days
NIR Camera	Nano-M1280 NIR	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	#14-675	€560,00	3-4 days
Monochrome Camera	Nano-M1920	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-954	€540,00	3-4 days
Color Camera	Nano-C1920	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-955	€555,00	3-4 days
Monochrome Camera	Nano-M1930	2/3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-958	€680,00	3-4 days
Color Camera	Nano-C1930	2/3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-959	€725,00	3-4 days
NIR Camera	Nano-M1930 NIR	2/3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#14-676	€825,00	3-4 days
Monochrome Camera	Nano-M1940	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-956	€955,00	In Stock
Color Camera	Nano-C1940	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-957	€970,00	3-4 days
Monochrome Camera	Nano-M2020	1/1.8"	3.10	GigE, RJ45 with Screw Locks	C-Mount	#34-960	€575,00	3-4 days
Color Camera	Nano-C2020	1/1.8"	3.10	GigE, RJ45 with Screw Locks	C-Mount	#34-961	€590,00	Contact Us

Monochrome Camera	Nano-M2420	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#34-962	€975,00	Contact Us
Color Camera	Nano-C2420	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#34-963	€995,00	Contact Us
Monochrome Camera	Nano-M2590	1"	5.30	GigE, RJ45 with Screw Locks	C-Mount	#34-964	€1.010,00	3-4 days
Color Camera	Nano-C2590	1"	5.30	GigE, RJ45 with Screw Locks	C-Mount	#34-965	€1.045,00	3-4 days
NIR Camera	Nano-M2590 NIR	1"	5.30	GigE, RJ45 with Screw Locks	C-Mount	#14-677	€1.085,00	In Stock
Monochrome Camera	Nano-M4020	1.1"	12.00	GigE, RJ45 with Screw Locks	C-Mount	#35-911	€2.320,00	3-4 days
Color Camera	Nano-C4020	1.1"	12.00	GigE, RJ45 with Screw Locks	C-Mount	#35-912	€2.335,00	3-4 days
Monochrome Camera	Nano-M4040	1.1"	12.40	GigE, RJ45 with Screw Locks	C-Mount	#14-697	€2.895,00	Contact Us
Color Camera	Nano-C4040	1.1"	12.40	GigE, RJ45 with Screw Locks	C-Mount	#14-698	€3.175,00	Contact Us



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