Teledyne DALSA Genie™ Nano GigE Cameras See More by Teledyne DALSA

- 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

Teledyne
Authorized
Distributor

Common Specifications

General

Manufacturer:	Teledyne DALSA	Camera Series:	Genie Nano-1GigE

Physical & Mechanical Properties

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

Sensor

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

Electrical

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

Hardware & Interface Connectivity

Interface:	GigE (PoE)	Connector:	GigE, RJ45 with Screw Locks
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

Mount:	C-Mount
Mounting Threads:	¼-20 with Tripod Mount Adapter #34-966

Environmental & Durability Factors

Operating Temperature (℃):	-20 to +60
Storage Temperature (℃):	-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	#34-950	€486,00	Contact Us
Color Camera	Nano-C640	1/4"	0.30	GigE, RJ45 with Screw Locks	C-Mount	#34-951	€541,00	1 In Stock
Monochrome Camera	Nano-M1280	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	#34-952	€546,00	3 In Stock
Color Camera	Nano-C1280	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	#34-953	€583,00	Contact Us
NIR Camera	Nano-M1280 NIR	1/2"	1.30	GigE, RJ45 with Screw Locks	C-Mount	#14-675	€588,00	3 In Stock
Monochrome Camera	Nano-M1920	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-954	€567,00	3 In Stock
Color Camera	Nano-C1920	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-955	€583,00	1 In Stock
Monochrome Camera	Nano-M1930	2/3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-958	€714,00	1 In Stock
Color Camera	Nano-C1930	2/3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-959	€761,00	1 In Stock
NIR Camera	Nano-M1930 NIR	2/3"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#14-676	€866,00	1 In Stock
Monochrome Camera	Nano-M1940	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-956	€1.003,00	3 In Stock
Color Camera	Nano-C1940	1/1.2"	2.30	GigE, RJ45 with Screw Locks	C-Mount	#34-957	€1.019,00	1 In Stock
Monochrome Camera	Nano-M2020	1/1.8"	3.10	GigE, RJ45 with Screw Locks	C-Mount	#34-960	€604,00	2 In Stock
Color Camera	Nano-C2020	1/1.8"	3.10	GigE, RJ45 with Screw Locks	C-Mount	#34-961	€620,00	Contact Us

Monochrome Camera	Nano-M2420	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#34-962	€1.024,00	6 In Stock
Color Camera	Nano-C2420	2/3"	5.00	GigE, RJ45 with Screw Locks	C-Mount	#34-963	€1.045,00	1 In Stock
Monochrome Camera	Nano-M2590	1"	5.30	GigE, RJ45 with Screw Locks	C-Mount	#34-964	€1.061,00	2 In Stock
Color Camera	Nano-C2590	1"	5.30	GigE, RJ45 with Screw Locks	C-Mount	#34-965	€1.097,00	1 In Stock
NIR Camera	Nano-M2590 NIR	1"	5.30	GigE, RJ45 with Screw Locks	C-Mount	#14-677	€1.139,00	1 In Stock
Monochrome Camera	Nano-M4020	1.1"	12.00	GigE, RJ45 with Screw Locks	C-Mount	#35-911	€2.436,00	1 In Stock
Color Camera	Nano-C4020	1.1"	12.00	GigE, RJ45 with Screw Locks	C-Mount	#35-912	€2.452,00	5 In Stock
Monochrome Camera	Nano-M4040	1.1"	12.40	GigE, RJ45 with Screw Locks	C-Mount	#14-697	€3.040,00	Contact Us
Color Camera	Nano-C4040	1.1"	12.40	GigE, RJ45 with Screw Locks	C-Mount	#14-698	€3.334,00	Contact Us

EO Edmund optics | worldwide