

C2020, 1/1.8" Color, DALSA Genie Nano GigE PoE Camera

#34-961



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

Teledyne Dalsa Genie™ Nano GigE Power over Ethernet (PoE) Cameras는 여러 종류의 대표적인 CMOS sensors로 이용 가능합니다. 이 GigE PoE camera는 빠른 속도, 낮은 노이즈, 둥근형 전자 셔터를 제공합니다. 전매 특허 받은 TurboDrive™ 기술은 Genie™ Nano가 최상의 이미지 품질을 유지하면서 더 빠른 프레임 속도로 전달할 수 있게 해줍니다. Teledyne Dalsa Genie™ Nano GigE Power over Ethernet (PoE) Camera는 빠른 속도와 튼튼한 품질을 특징으로 하기 때문에 전자 제품 검사, 산업용 계측, Intelligent Traffic Systems (ITS) 용도에 적합합니다.

참고: 작동 시 PoE injector와 GigE cable이 필요합니다.

General

Type:	Color Camera
Manufacturer:	Teledyne DALSA
Camera Family:	Genie Nano-1GigE
Model Number:	Nano-C2020
Software:	Windows, Linux, or 3rd party GenICam complaint SDK

Physical & Mechanical Properties

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

Sensor

Image Buffer:	90MB
Imaging Sensor:	Sony IMX265
Type of Sensor:	Progressive Scan CMOS
Type of Shutter:	Global
Camera Sensor Format:	1/1.8"
Resolution (MegaPixels):	3.10
Pixels (H x V):	2,048 x 1,536
Pixel Size, H x V (µm):	3.45 x 3.45
Sensing Area, H x V (mm):	7.07 x 5.3
Frame Rate (fps):	38.00
Frame Rate - Burst Mode (fps):	55.00
Pixel Depth:	8/12 bit
Exposure Time:	Programmable or via external trigger
Dynamic Range (dB):	76.4
Machine Vision Standard:	GigE Vision v1.2

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
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

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