



Genie Nano-CXP 67M and 37M cameras | Imaging and Machine ...

Flexible and powerful Like all Genie Nano cameras, the new Genie Nano 5GigE models are offered in a compact form and available in multiple resolutions ranging from 3.2MP to 45MP, with fast frame rates to fill the entire 5GigE bandwidth (and more, with TurboDrive).

Genie Nano-5GigE | Teledyne DALSA

Teledyne DALSA's proprietary TurboDrive technology allows Genie Nano to deliver its full image quality at faster frame rates—often 150% or higher—with no changes to your GigE network. Like all Teledyne DALSA GigE cameras, the Genie Nano is based on AIA GigE Vision Standard to directly link the camera to a PC.

W Genie Nano Cameras

October 8, 2020 By Mike Santora. Teledyne DALSA, a Teledyne Technologies company, has announced that the new Genie™ Nano-5G M/C8100 camera, based on the ON Semiconductor 45M monochrome and color sensors, has now entered full production. The Genie Nano-5G 45M is the first camera to enter full production with a new family of XGS sensors from ON Semiconductor, replacing the discontinued ON Semiconductor high-resolution KAI CCD sensors.

Teledyne DALSA's Genie Nano-5G camera now in full production

The Genie Nano-CXP 67M and 37M cameras are fully integrated with Teledyne DALSA's Xtium™-CXP and Xtium2™-CXP series high-performance frame grabbers, providing both convenience and guaranteed compatibility from a single vendor. The Xtium series frame grabbers are also supported by Sopera LT SDK, an image acquisition and control software development toolkit (SDK) that includes Trigger-to ...

High-resolution CoaXPress cameras for harsh environments

Waterloo, CANADA □ November 10, 2020 □ Teledyne DALSA, a Teledyne Technologies [NYSE:TDY] company and global leader in machine vision, is pleased to announce its new Genie Nano-CXP 67M and 37M cameras based on the Teledyne e2v Emerald color and monochrome sensors. The newest Genie Nano models are easy-to-use and feature a CoaXPress interface. The cameras are engineered for industrial ...

New high-resolution CoaXPress cameras engineered for long ...

The new Dalsa Genie Nano 2450 Polarized Camera from Teledyne Dalsa is an innovative addition to the Genie Nano series of machine vision cameras. Featuring Sony's new IMX250MZR polarized sensor, this camera is a high quality imaging solution for applications requiring polarization.

Genie Nano 2450: New Polarized Camera from Teledyne Dalsa ...

Teledyne DALSA's proprietary TurboDrive technology allows Genie Nano to deliver its full image quality at faster frame rates □ often 150% or higher. Like all Teledyne DALSA GigE cameras, the Genie Nano-5G is based on AIA GigE Vision Standard to directly link the camera to a PC.

Dalsa Genie Nano-5G 45M Camera | Machine Vision Camera

Teledyne Dalsa has expanded their industrial imaging, high-resolution Genie Nano camera series with a CXP interface, offering unprecedented speed and uncompromised image quality.

Dalsa Genie Nano-CXP Cameras - Phase 1

Teledyne DALSA expands Genie Nano 5GigE camera portfolio The industry's smallest 5GigE vision camera Teledyne DALSA has announced its new Genie Nano 5GigE M/C8100, M/C5400 and M/C4500, based on the ON Semiconductor ® 45M, 30M and 20M monochrome and colour sensors.

Teledyne DALSA expands Genie Nano 5GigE camera portfolio ...

The fifth generation of the system uses Genie Nano GigE cameras from Teledyne DALSA (Waterloo, ON, Canada; www.teledynedalsa.com), running at 1936 x 1216 resolution with a frame rate of 25 fps for European television broadcasts and 30 fps for American broadcasts.

tracab optical sports tracking system gen 5 uses teledyne ...

□The expanded Genie Nano-1G and Lt Series USB3 cameras provide excellent performance and image quality for general machine vision applications like high-speed factory automation, and they excel in applications where lighting is low or varied,□ said Manny Romero, senior product manager for Teledyne DALSA and Teledyne Lumenera.

New GigE and USB3 Cameras Designed for use in Challenging ...

Teledyne Dalsa Genie™ Nano 5GigE Power over Ethernet (PoE) Cameras are used in high-speed high resolution machine vision applications. Shop now with Edmund Optics!

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