ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Find the *Teledyne Dalsa / Coreco Imaging P2-42-04K40* at our website: *Click HERE*

Piranha2 P2-2x-xxx40 (7 μm)

Line Scan Cameras



Key Features

- 80 MHz throughput
- 7 μm pixels
- Resolutions from 4k to 8k
- High responsivity
- Base Camera Link™
- Single 12 V to 15 V power supply

Programmability

- Programmable pixel to pixel correction
- Adjustable analog and digital gain and offset
- 8 or 10 bit output
- Adjustable integration time and line rate
- Test pattern, line statistics, and camera diagnostics

Typical Applications

- Printed circuit board inspection
- High performance document scanning/image lift
- Postal/parcel sorting
- Flat panel display inspection
- General machine vision

Overview

Base Camera Link, 7 μm pixels and resolution from 4k to 8k with proven performance.

Piranha2 delivers superb performance with a wide selection of resolutions. Base Camera Link with two 8 or 10 bit outputs at 40 MHz deliver 80 MHz throughput, and boosted responsivity means the Piranha2 needs less light. Our 2 tap, 7 μm pixel models are available in resolutions from 4k to 8k.

The camera is small, light, and uses a single power supply. The compact design is shallow and small. Cabling interfaces are simplified with the Base Camera Link™ high speed serial standard. The camera is very sensitive, but still provides quieter, more uniform output thanks to CDS (correlated double sampling) and embedded flat field correction algorithms. Gain and offset are fully programmable for each output channel, and the camera can output test patterns for cable/system troubleshooting. All resolutions provide appropriate, readily available standard lens options (C mount, F mount, and M72 x 0.75).

Specifications

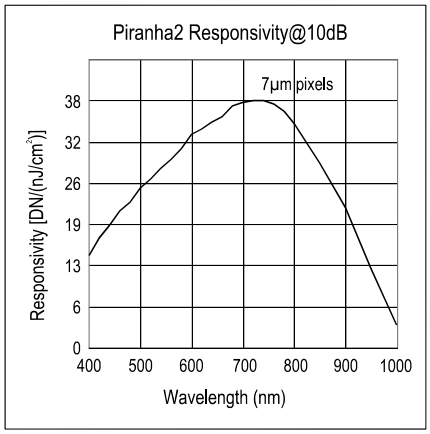
Resolution	4096 / 6144 / 8192
Data Rate	2 x 40 MHz
Max. Line/Frame Rate	18 / 12 / 9 kHz
Pixel Size	7 μm
Data Format	8, 10 bit
Output	Base Camera Link
Lens Mount	M72 x 0.75, C, F mount
Responsivity	38 DN/(nJ/cm^2) @ 10 dB
Dynamic Range	54 dB
Nominal Gain Range	±10 dB
Size	50 x 85 x 50 / 85 x 85 x 53.7 mm
Mass	<450 g
Operating Temp	10 °C to 50 °C
Power Supply	12 V to 15 V
Power Dissipation	<7.5 W
Regulatory Compliance	CE
Control	MDR26 Camera Link
Data	Shared with Control
Power	Hirose HR10 6 pin
Example Part Number	P2-22-06K40

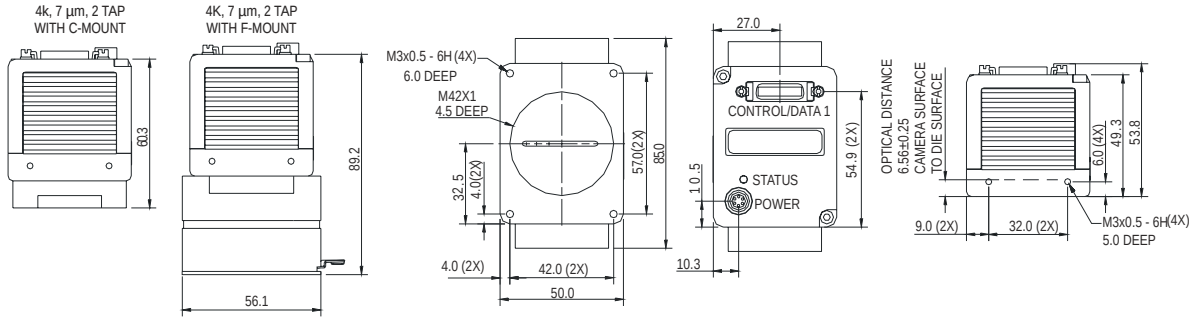
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Piranha2 P2-2x-xxx40 (7 µm)

Line Scan Cameras

With established performance and wide customer base, the Piranha2 is the camera generation known to have brought line scan performance to the next level.





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Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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