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TECHNOLOGY GROUP

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along with credit for buybacks and trade-ins.

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so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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Expert team | Trust guarantee | 100% satisfaction

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

Piranha 2 P2-2x-xxx30

Line Scan Cameras



Key Features

- 60 MHz throughput
- Resolutions from 1k to 4k
- High responsivity
- Base Camera Link™
- Single 12 V to 15 V power supply
- Compact design

Programmability

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

Typical Applications

- High performance document scanning/image lift
- Postal sorting
- Web inspection
- Printed circuit board inspection

Overview

30 MHz operation for even more cost-effectivness, still with top-shelf image quality and a full feature set.

Piranha 2's high performance and advanced feature set becomes even more cost-effective in the 30 MHz P2-2x-xxx30 cameras. Two 8 or 10 bit outputs (selectable) at 30 MHz deliver 60 MHz throughput with all the Piranha 2 responsivity for applications that don't require the full speed of our 40 MHz flagship models.

Available in resolutions from 1k to 4k, the camera is small, light, and uses a single power supply. Cabling and interface are simplified with the Camera Link™ high-speed serial standard. The camera is very responsive, but still provides quiet 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 and F mount).

Specifications

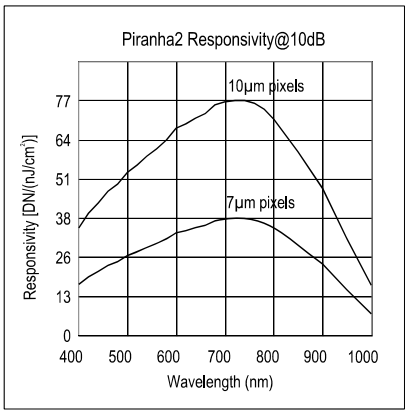
Resolution	1024 / 2048 / 4096
Data Rate	2 x 30 MHz
Max. Line/Frame Rate	49.6 / 27 / 14 kHz
Pixel Size	10 / 10 / 7 μm
Data Format	8, 10 bit
Output	Base Camera Link
Lens Mount	M42, C, F mount
Responsivity	76 / 38 DN/(nJ/cm^2) @ 10 dB
Dynamic Range	54 dB
Nominal Gain Range	±10 dB
Size	50 mm x 85 mm x 50 mm
Mass	<275 g
Operating Temp	10 °C to 50 °C
Power Supply	12 V to 15 V
Power Dissipation	<6 W
Regulatory Compliance	CE
Control	MDR26 Camera Link
Data	Shared with Control
Power	Hirose HR10 6 pin
Example Part Number	P2-22-04K30

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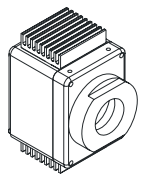
Piranha 2 P2-2x-xxx30

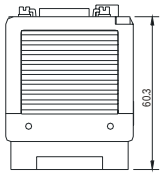
Line Scan Cameras

A cost effective Camera Link™ line scan camera. 30 MHz operation with the full features and high image quality required to carry the Piranha 2 name.

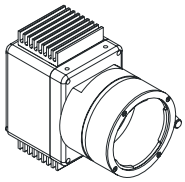


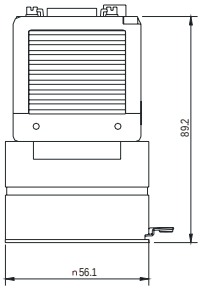
1K/2K/4K 2 TAP WITH C-MOUNT



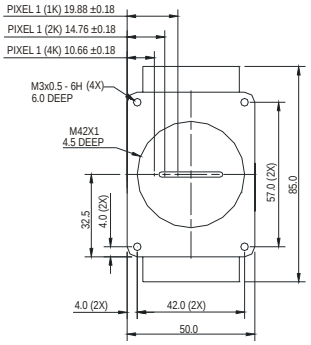


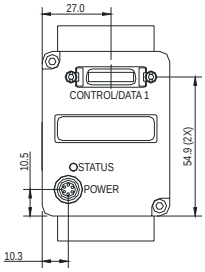
1K/2K/4K 2 TAP WITH F-MOUNT

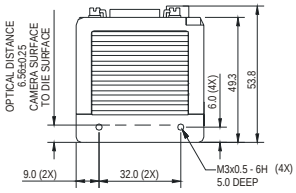


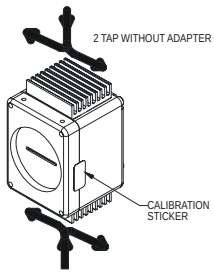


All units in mm.









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