



Piranha2 4k, 36 kHz (10 μm)



Successors to the original groundbreaking Pirahnas, DALSA's Piranha2 cameras deliver 8 or 10 bit output (selectable) at 80 MHz throughput with higher responsivity and higher line rates.

Available in resolutions from 1k to 8k, Piranha2 cameras are smaller, lighter, and use a single power supply. Cabling and interface are simplified with the Camera Link™ high-speed serial standard. The camera 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, f-mount, and M72x0.75 photography standards).

Set the Piranha2 loose on your toughest imaging challenge.

SPECIFICATIONS

Feature	Spec
Part Number	P2-4x-04K40 (10 μm)
Resolution	4096 x 1
Total Data Rate	160 MHz
Max. Line Rate	36 kHz
Pixel Size	10 μm
Number of Camera Taps	4
Output Format	Camera Link Med.
Size	85 x 85 x 54 mm
Mass	< 450 g
Responsivity	up to 76 DN(nJ/cm ²) @ 10 dB gain

FEATURES

- 4 taps for maximum line rates
- High responsivity
- Programmable pixel-to-pixel correction, integration time, line rate, gain, bit depth, test pattern, and diagnostics
- High speed serial output (Camera Link™)
- Single 12 V power supply
- Compact design
- 100% fill factor

Contact Uniforce Sales and Engineering. Volume and OEM pricing available.