

OK_M30B Monochrome Frame Grabber



Features

- ✓ 10bit high precision and high S/N ratio A/D
- ✓ 10 bit independent analog video output
- ✓ Noise reduction by digital recursion filter, filter coefficient can be adjusted in 15 levels
- ✓ Data clock up to 110M, resolution up to 1600×1200.
- ✓ High pulse wide input, digital anti-aliasing filtering technology, improved imagine definition.

Main Parameters

Interface	Mini-D-Sub(HD15) or BNC
Video input	3 circuitry video input switch
Video output	10 bit independent analog video output
Display resolutions	1600 x 1200
Max Pixel Frequency	110M
Input peak to peak value	0.2-3V
Rang of zero value	±1.5V
Host Bus	PCI-32
Pixel Jitter	<0.5 ns
A/ D Converter	10bit
Bits/Pixel	10-bit/pixel
Capture format	8 bit,24bit,32bit
Input/output lookup table	10 bit
Brightness and contrast	Under programmable control
Capture modes	Single field, single frame, successive frame
Noise reduction	Hardware acquisition control; adjusted in 15 levels
Image Mirroring	Vertical and horizontal mirroring
External Trigger	Hardware acquisition control (TTL low power)



Software Support

Platform: Provide drivers, development libraries and demonstration programs.

Secondary development: Support for development languages such as VC, VB, Delphi, C++Builder, LABVIEW, MATLAB, etc.

Application

- ✓ Medical equipment(X-ray, CT, MRI)
- ✓ Standard/non-standard/progressive /interlaced cameras
- ✓ Biomedicine:(B ultrasonic wave, x ray machine, Endoscope, CT machine, nuclear magnetism and so on)
- ✓ Industry crack detection examination; Industrial inspection