OK_M20B-E Monochrome Frame Grabber

Features

- ✓ Progressive high resolution
- ✓ Monochrome video formats supports resolution up to 1280 x 1024, real-time image acquisition speed up to 60fps
- ✓ Noise reduction by digital recursion filter, filter coefficient can be adjusted in 15 levels
- ✓ Measures the specialty of line field video automatically.
- ✓ 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
Display resolutions	Up to 1280 x 1024
Max Pixel Frequency	130M
Input peak to peak value	0.2-3V
Rang of zero value	±1.5V
Host Bus	PCI-E
Pixel Jitter	<0.5ns
A/ D	8bit
Bits/Pixel	8-bit/pixel
Capture format	8 bit,24bit,32bit
Input/output lookup table	8bit
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