

OK_MC40B-E Four-way real-time Frame Grabber



Features

- ✓ PCI Express x 1 bus
- ✓ 4 parallel video channels
- ✓ Max. 16 CVBS or 16 S-Video inputs
- ✓ Color video formats supported: S-Video, RS-170, CCIR, PAL, NTSC, SECAM
- ✓ Hardware to realize image scaling down
- ✓ Measures the specialty of line field video automatically.
- ✓ High pulse wide input, digital anti-aliasing filtering technology, improved imagine definition.

Main Parameters

Video input	5 comp& 1 Y/C	
Camera Format	PAL\NTSC\SECAM	
Max Pixel Frequency	15M	
Host Bus	PCI/104+	
A/ D Converter	9bit	
Capture format	RGB32,RGB24,RGB16,RGB15,RGB8,YUV422 or GRAY8	
Capture modes	Single field, single frame, successive frame	
Brightness and contrast	Under programmable control	
Down scaling	Hardware to realize image scaling down	
Image Mirroring	Vertical and horizontal mirroring	
OS Support	Windows	

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:

- ✓ Industrial inspection: assembly line detection (knot detection、 vehicle headlight detection)
- ✓ Military scientific research: ship; Robot vision; Security monitoring; Biometric
- ✓ Multimedia processing