

OK_C21B-E PCI-E Color Frame Grabber



Description

OK_C21B-E can perform MPEG II compression on image, using digital comb filtering and anti-aliasing filtering technology to improve image clarity.



Main Parameters

Acquisition Signal Type	PAL/NTSC/SECAM
Cache Format	RGB8888、RGB888、RGB565、RGB555、YUV422、GRAY8
Input Channels	Switch selection:6 channel composite video input or 2 Y/C
Bus	PCI-E×1
Adjustment	Brightness, contrast, chroma, saturation can be adjusted by software.
Mirrored Mode	Horizontal/Vertical mirror
External Trigger	TTL (falling edge valid)
Signal Detection	Automatic
Zoom	Hardware completes the input image to any size reduction.
Video Compression	MPEG II (Audio and Video)

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
- ✓ Biomedicine:(B ultrasonic wave, x ray machine, Endoscope, CT machine, nuclear magnetism and so on)