OK_C20A-E   PCI-E Color Frame Grabber

Description

OK_C20A-E is widely used in the field of research and engineering applications, such as image processing, industrial monitoring and multimedia processing. Using digital comb filtering and anti-aliasing filtering technology to improve image clarity.

Main Parameters

Acquisition Signal Type	PAL/NTSC/SECAM
Input Channels	Switch selection:6 channel composite video input or 2 Y/C
Bus	PCI-E×1
A/D	9bit
Adjustment	Brightness, contrast, chroma, saturation can be adjusted by software.
Cache Format	RGB8888、RGB888、YUV422、GRAY8
Mirrored Mode	Horizontal/Vertical mirror
External Trigger	TTL（falling edge valid)
Signal Detection	Automatic
Zoom	Hardware completes the input image to any size reduction.

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
✓ High precision professional image processing
✓ Multimedia processing