

## OK\_VGA41B-4E High Resolution Dual Frame Grabber



### Description

OK\_VGA41B-4E, a dual channel DVI/RGB image acquisition card, using PCI Express × 4 as data transmission channel, the fastest speed reaches 480MByte/s.

### Main Parameters

Acquisition signal type	DVI/VGA
Support video format	RGB ,HSync, VSync, and DVI single link
Input interface	Dual DVI-I
Bus	PCI-E X4
Maximum sampling rate	RGB 205Mhz: MAX resolution 2048 x 1536 DVI 165 MHz: MAX resolution 1920 x 1200
Acquisition resolution	640 x 480, 800 x 600, 1024 x 768, 1280 x 1024, 1600 x 1200, 1920x1080, 1920 x 1200 and custom mode
HD mode	1080p, 1080i, 720p, 576p, 576i, 480p, 480i
Acquisition format	RGB8888, RGB888, RGB565, RGB555, GRAY8
A/D	Self - frame memory, three - way high speed 8 bit A/D
Mirror 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:

OK\_VGA41B-4E is suitable for high accuracy and high resolution image processing and streaming media, as well as research and engineering applications of multimedia compression and processing.

