

OK_VGA41A-4E+ HD & SD Integrated Frame Grabber



Description

OK_VGA41A-4E+ can capture high-resolution DVI/VGA/HDMI/YpbPr/S-Video/CVBS video signal. Using PCI Express×4 as data transmission channel, the fastest speed reaches 650MByte/s.

Main Parameters

Acquisition Signal Type	DVI / VGA / HDMI / YpbPr/S-Video/CVBS
Input Channels	Above interface: DVI*1, Interface below: DVI/VGA(compatible with S-Video / CVBS input), Switch to choose one way
Interface	DVI-I
Bus	PCI-E×4
MAX Frequency	RGB 170MHz DVI 165 MHz
MAX Resolution	1920 x 1200@60Hz
HD Mode	1080p,1080i, 720p, 576p, 576i, 480p , 480i
Cache Format	RGB8888、 RGB888、 RGB565、 RGB555 and GRAY8
A/D	12bit
Mirrored Mode	Horizontal/Vertical mirror
External Trigger	TTL (falling edge valid)
Signal Detection	Automatic



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_VGA41A-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.