



Video Capture Essentials™

VCE Professional

Fast Analog CardBus Video Capture Card

VCE-ANCB01

Frame Grabber Specifications

VCE-PRO is a low cost, full frame, high performance, plug and play CardBus video capture card. It allows users to display, capture, store, and preview full motion video (30 frames per second at full - VGA or higher resolution) on their notebook computers. VCE-PRO is capable of capturing single frame, multiple frames, and standard AVI clips from a variety of NTSC, PAL or SECAM sources. A built in capture delay function enables users to program their card to record sequences of events at later dates and times. An external triggering option allows for easy implementation of the card into demanding machine vision environments. Each captured frame can be stamped with a user message along with the date and time of capture. These unique features allow users to turn their notebooks into a mobile observation system. A specially designed image viewer gives the users flexibility to view, scroll or step through the recorded images. Our Software Development Kit (optional) is a DLL based software development platform supporting C++ and VB. Easy to follow examples provide for fast implementation of custom applications.



Frame Grabber Features
PC card cardbus 8.0
Plug-and-play
Hot insertion and removal
2 Composite, one S-Video inputs with anti-alias filters and one external trigger input
Fast video capture with selectable window sizes: <ul style="list-style-type: none"> • 640 x 480 pixels @ 30fps • 320 x 240 pixels @ 30fps • 160 x 120 pixels @ 30fps
Adjustable image brightness, contrast, saturation and hue
24 bit RGB, 24 bit Grayscale or 8 bit Grayscale display options
Captures single frames, multiple frames and standard AVI clips: <ul style="list-style-type: none"> • Adjustable frame rates • Programmable capture delay up to 60 minutes • Programmable date and time recording • BMP and adjustable compression JPEG file formats • Date and Time stamp options • Text overlay options
Image viewer with play, stop, pause, fast forward, reverse, step up, and step back options.

Video Source Specifications
Composite or S-Video
Square pixel and CCIR601 resolution for: <ul style="list-style-type: none"> • NTSC • PAL (B, D, G, H, I, M, N) • SECAM
Auto NTSC/PAL format detection
Automatic gain control
16 bit YCrCb (4:2:2) digital output
Physical Dimensions
PCMCIA Type II: 85mm(3.3in) x 54mm(2.1in) x 5mm(.2in)
Weight: 35 grams (1.25 oz)
Electrical Characteristics
Operating voltage: 3.3V +/- 5%
Operating current: 160mA
Inrush current: 350mA
Operating System
Windows NT 4.0, 2000, XP, ME, 9x
Operating Environment
Operating temperature: 0°C to 65°C
Relative humidity: 90% noncondensing
Included in Package
<ul style="list-style-type: none"> • Frame Grabber card • S-Video Cable • RCA Video Cable • CD ROM with VCE_PRO standard application and Win 9X, ME, NT4.0, 2000 and XP drivers • Quick start guide and warranty information

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