



FrameLink™

## ***WORLD'S FIRST DIGITAL CAMERA LINK FRAME GRABBER FOR LAPTOPS***

**VCE-CLCB01**

### Camera Link Frame Grabber Specifications

FrameLink™ is the world's first digital Camera Link™ frame grabber for laptops. This high performance plug-and-play cardbus device delivers an easy interface to the Camera Link™ digital Mega pixel cameras. 256 Mbits of on-board memory and proprietary loss-less compression techniques enables FrameLink™ to outperform most of the PCI Camera Link™ frame grabbers. With speeds of up to 66Mhz (85Mhz optional), RS232 serial interface for camera control, and a user friendly Software Development Kit, mobile applications become a reality.



<b>Frame Grabber Features</b>
PC Card Cardbus revision 8.0
32 bit PCI bus operating at 33 MHz
Intelligent DMA engine for fast and efficient use of PCI bus bandwidth
Plug-and-play
Hot insertion and removal
<b>256 Mbits</b> of onboard memory for high speed image acquisition
Local memory organized as two banks for concurrent operation
<b>Video Source Specifications</b>
Camera Link interface (Base configuration using a single 26 pin connector)
Supports <b>1x8, 2x8, 3x8, 1x10, 2x10, 1x12, 2x12, 1x16</b> and <b>RGB (3x8)</b> modes of operation
Camera Link clock rates up to <b>66 MHz (85 MHz optional)</b>
<b>RS232</b> Serial interface for configuring & monitoring camera
Four discrete camera control LVDS differential outputs to camera (CC1 to CC4)
<b>Physical Dimensions</b>
<b>PCMCIA Type II:</b> 115.6mm(4.55in) x 54mm(2.1in) x 5mm(.2in)
Weight: 35 grams (1.25 oz)
<b>Electrical Characteristics</b>
Operating voltage: 3.3V +/- 5%
Operating current: 160mA
Inrush current: 360mA

<b>Operating System</b>
Windows NT 4.0, 2000, XP,ME,98SE
<b>Software</b>
OS Drivers
GUI Application
SDK ( DLL based with support and examples for C++ and VB)
<b>Operating Environment</b>
Operating temperature: 0°C to 65°C
Relative humidity: 90% noncondensing

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