



**For Immediate Release**

## **Faster Compact Contact Image Sensor with CameraLink Interface Introduced by Tichawa Vision GmbH**

March 15, 2006 – Tucson, AZ – The Tichawa Vision Mini-CIS provides contact image scanning in a package designed for use in computer vision systems and custom document scanners. Four models provide 100, 200, 400 or 600 dpi resolution over a 216 mm active length. The Mini-CIS includes an internal red LED illuminator and a GRIN lens focused at the outer surface of the glass window. The Mini-CIS includes a video processor providing correlated double sampling and automatic black level control for the segmented CCD sensor array. Controls accessed through the serial port in the CameraLink base interface permit adjustment of gain and offset. Scan speeds range from 950 to 2,400 Hz, depending on resolution.

Features of the Mini-CIS include:

- 864, 1728, 3456 or 5184 pixels in a single 216 mm scan line
- Single-shot or continuous acquisition with external triggering
- Fixed 20 MHz pixel clock for compatibility with all CameraLink framegrabbers
- Unrestricted access to the scanner window for simplified system design
- Compact size – only 27 x 60 x 350 mm – and flat profile for easy, stable mounting

The Mini-CIS is packaged in a rigid black-anodized aluminum housing ready to mount. It requires 6 volt power for the controller and 5 volt power for the illuminator.

Prices for the Mini-CIS range from \$1700 to \$2300 in single units. Systems integrator and OEM discounts are available. Delivery leadtime is 4-6 weeks ARO

\* \* \* \* \*

### **About Tichawa Vision GmbH**

Tichawa Vision designs and manufactures highly-engineered cameras, illuminators and image processors primarily for industrial line scan applications. The primary products of Tichawa Vision include industrial contact image sensors and linear LED illuminators with lengths to three meters, and controllers and software for this equipment. Tichawa Vision also has extensive experience in building line scanning processors and subsystems to customer specifications. Tichawa Vision GmbH, located in Friedberg, Germany, is privately held. For additional details, see [www.tichawa.de](http://www.tichawa.de). (Tichawa is pronounced Teek'-uh-vuh.)

### **About Alternative Vision Corporation**

Alternative Vision Corporation (AVC) provides marketing, distribution, applications engineering, development tools, field support and other value-added services for manufacturers of high-performance image components. AVC handles Tichawa Vision products in North America through a network of manufacturers' representatives. AVC is privately held. For further details see [www.alt-vision.com](http://www.alt-vision.com).

more...



**For Immediate Release**

Mini CIS, continued...)

**Attachments**

Photo: MiniCIS300.jpg

Data Sheet: MiniCIS.pdf

**Press and Media Inquiries:**

**Alternative Vision Corporation**

David Gilblom, President

5575 E River Road, Suite 121-263

Tucson, AZ 85750-6743

Phone: +1-520-615-4073

Fax: +1-520-844-6332

E-mail: [dave.gilblom@alt-vision.com](mailto:dave.gilblom@alt-vision.com)

9626-0002-05-05 2/05 PDF

**5575 E River Road, Suite 121-263 • Tucson, AZ 85750 • +1-520-615-4073 • Fax: +1-520-844-6332  
[www.alt-vision.com](http://www.alt-vision.com)**