



**For Immediate Release**

## **Autoclavable Three-Channel Color Prism Product Line Introduced by Optec S.p.A.**

February 24, 2006 – Tucson, AZ – This new line of three-channel color prisms answers the need for three-chip color cameras that can tolerate standard autoclave sterilization from manufacturers of endoscopes, bronchoscopes, remote surgical systems and other imaging instruments requiring sterilization. These prisms are fabricated entirely of glass with dichroic coatings and cemented with a new, proprietary adhesive developed for Optec to resist autoclave temperatures and rapid temperature cycling.

Features of the autoclavable prisms include:

- Withstands 134C soaking temperature indefinitely
- Survives more than 1000 autoclave cycles
- Models for image sensor formats from ¼ inch to over 1 inch
- Produces erect images on all outputs
- Standard and custom color bands available

Optec also provides its comprehensive sensor alignment services in support of these prisms to offer fully aligned, cemented and tested 3-chip assemblies for camera manufacturers, using any CCD or CMOS sensor they prefer. Prism assemblies can also include low-expansion mounting plates and standard lens mounts.

Pricing depends on the size and level of assembly required but is generally in the range of \$500 to \$5000 per unit in 100-unit quantities. Optec provides design services for custom sizes and coatings. Delivery of first samples is typically 12 weeks ARO.

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### **About Optec S.p.A.**

Optec S.p.A. (Optec) designs and manufactures high performance optical and optoelectronic components and systems. Optec's primary product lines include an extensive range of two to five channel spectral separation prisms for UV, visible and infrared applications, a comprehensive line of near-infrared camera lenses and a broad portfolio of coupling optics for x-ray intensifier systems. Optec also has extensive experience in designing and building motorized opto-mechanical assemblies. Optec, located in Parabiago, Italy, near Milan, is privately held. For further details, see [www.optec-spa.com](http://www.optec-spa.com).

### **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 imaging components. AVC handles Optec products and services 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...



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Autoclavable prisms, continued...

**Attachments**

Photo: Autoclavable prism PR.gif

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