

PRESS RELEASE

**XEVA-CL-FPA HgCdTe near-infrared camera from Xenics  
delivers superior performance into the extended 2.5  $\mu\text{m}$   
wavelength region**

*Leuven, Belgium, 7 November, 2005 – The XEVA-CL-FPA-2.5-320-TE4 has been announced today as the latest near-infrared image camera of Leuven-based Xenics. The thermo-electrically cooled infrared camera features an imaging system based on the proven HgCdTe infrared detection technology and delivers superb performance in the 0.85 to 2.5  $\mu\text{m}$  wavelength region.*

The new XEVA-CL-FPA-2.5-320-TE4 digital camera delivers 14bit images at a frame rate of 60 or 100Hz. It consists of a 320x256 HgCdTe detector array with pixel pitch of 30  $\mu\text{m}$  at a pixel operability ratio of > 98%.

The detector head is cooled with a four-stage thermo-electrical cooling element and is integrated into one single compact housing with the control and communication electronics.

The camerahead interfaces to a PC via Cameralink. The camera comes with a custom frame grabber or can interface to standard frame grabber cards such as the NI-1428. Each camera is delivered with a graphical user interface X-control, offering direct access to various camera settings including exposure time and operating temperature. Software tools include 2-point uniformity correction and bad pixel replacement. The Xenics software driver is fully compatible with Windows 2000/XP

The XEVA-CL-FPA operates on a single, compact and light-weight (300g) 12V/5A power supply which is delivered along with the camera. Operating temperature is  $-40$  to  $+70^{\circ}\text{C}$ .

The camera can be employed in a broad range of applications, including hyperspectral imaging and laser beam profiling, automotive and airborne vision enhancement, semiconductor inspection, thermal imaging, on-line process control and medical applications.

### **Note to the editor**

#### **About Xenics**

Xenics is the leading developer of innovative infrared detection solutions for a wide range of applications. Xenics designs, manufactures and sells infrared detectors and cameras, both for linescan and imaging applications, covering the infrared wavelength ranges from 1 up to 14 micrometer. In addition, Xenics delivers custom products according to the agreed specification and planning.

#### **Contact:**

Bob Grietens, CEO

Xenics

Ambachtenlaan 44

B-3001 Leuven, Belgium

Tel. +32 16 38 99 00

Fax +32 16 38 99 01

E-mail : [bob.grietens@Xenics.com](mailto:bob.grietens@Xenics.com)

[www.Xenics.com](http://www.Xenics.com)