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Immediate Release

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Viewbits™ Digital X-ray Camera Wins Platinum Award from Vision Systems Design Magazine

**New Digital X-ray Camera with GigE Output Recognized by the Judges of the
Annual Vision Systems Design Innovators Awards Program**

San Diego, California -- Viewbits, the industrial cameras division of Computer Modules, Inc., announced today that its digital X-ray camera with GigE output was recognized by the judges of the annual Vision Systems Design Innovators Awards program. The judging panel consisted of esteemed experts from system integrator and end-user companies.

Viewbits was honored with a Platinum-level award for the Fiber Cam™ III, a digital X-ray camera that captures clear X-ray images with standard CCD sensors. Ideal for inspecting small items where cost is a factor, it utilizes a gadolinium oxysulphide (GdOS) spread across a 25 millimeter fiber optic bundle that is bonded to a high resolution 1388 x 1040 resolution 2/3 inch digital camera with GigE output.



**1.3 Megapixel X-ray Camera
with GigE Output – Fiber Cam™ III**

"We are very proud to be a Platinum honoree in Vision Systems Design's 2016 Innovators Awards," stated Patrick Palensky, Sales Manager of Viewbits. "We recommend the Fiber Cam III for detecting imperfections in small items like semiconductors. A major competitive feature is the camera's price point based on performance. The Fiber Cam III with standard GdOS coating sells for only \$6,395 U.S."

The 1.3 megapixel camera supports GenICam™ and has been tested with Matrox Imaging Library (MIL) and LabVIEW®. It supports 12 bits per pixel and long exposure times for low X-ray energy. It is equipped with a thin layer of GdOS X-ray sensitive phosphor, along with a thin window to protect the x-ray sensitive material. Customers provide the X-ray source that activates the phosphors.

Alan Bergstein, publisher of Vision Systems Design said, "This prestigious program allows Vision Systems Design to celebrate and recognize the most innovative products and services in the vision and image processing industry. Our 2016 Honorees are an outstanding example of companies who are making an impact in the industry."

The Innovators Awards are judged based on the following criteria:

- Originality
- Innovation
- Impact on Designers, Systems Integrators, End Users
- Fulfilling a need in the market that hasn't been addressed
- Leveraging a novel technology

The 2016 Vision Systems Design Innovators Awards Honorees are featured in the June Issue of Vision Systems Design magazine as well as on vision-systems.com.

Supplemental Information for Press Release

Features

- 1.3 Megapixel X-ray camera with GigE output
- X-Ray energy sensitivity (5 to 120 keV)
- 25 mm diameter fiber taper -- Fiber ratio is 2.27 to 1
- Customizable diameter fiber tapers available
- High resolution -- 1388 (H) x 1040 (V) pixels
- Progressive scan 2/3-inch CCD image sensor

- 30 FPS at maximum resolution
- Can integrate up to 3 minutes
- Supports Matrox Imaging Library (MIL), LabVIEW®, and GenICam™
- Hardware supported YUV conversion
- External Trigger support Mode 0, 1, 2, 3, 4, 5, 12, 13, 14, 15
- Multi Camera Auto Sync support
- One shot and Multishot
- SIO Pass through and Strobe support
- True Fast Partial Scan support
- Horizontal and Vertical Binning Mode
- Firmware upgradeable via LAN
- Includes software for API, SDK

Suggested Retail Prices:

Fiber Cam III with standard GdOS coating: \$6,395 U.S.

Fiber Cam III without GdOS coating (for non-x-ray applications): \$5,995 U.S.

Fiber Cam III with custom protective input window material: \$6,695 U.S.

Fiber Cam III with CsI scintillator: \$8,395 U.S.

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About Vision Systems Design

Published since 1996, Vision Systems Design is a global resource for engineers, engineering managers and systems integrators that provides comprehensive global coverage of vision systems technologies, applications, and markets. Vision Systems Design's magazine, website (www.vision-systems.com), email newsletters and webcasts report on and analyze the latest technology and business developments and trends in the worldwide machine vision and image processing industry.

About The Vision Systems Design 2016 Innovators Awards program

The Vision Systems Design 2016 Innovators Awards program reviews and recognized the most innovative products and services in the vision and image processing industry. Honorees were announced at The Vision Show 2016 held in Boston, MA, USA. Criteria used in the Innovators Awards ranking included: originality, innovation; impact on designers, systems integrators and end-users; fulfilling a need in the market that hasn't been addressed, leveraging a novel technology, and increasing productivity.

About CMI and Viewbits

CMI, founded in 1982, is a privately held company headquartered in San Diego, California. Viewbits, the Industrial Cameras division of Computer Modules, Inc., sells HD, USB-2, CMOS, and X-Ray cameras to companies throughout the world.

For more information on CMI and Viewbits, please contact Rebecca Gray at +1 (858) 613-1818 or rebecca@computermodules.com. To download Viewbits press releases and product images, visit the news section at <http://www.viewbits.com>.

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