

eMagin Enters Electronic Viewfinder Market with Ultra Compact, High-Resolution Color Microdisplay

“XGA096 OLED-XL” Designed Specifically for Camera and Near-to-Eye Applications

BELLEVUE, Wash. & HOPEWELL JUNCTION, N.Y. -- eMagin Corporation (NYSE MKT: EMAN) formally enters the electronic viewfinder market this week with the introduction of its smallest and most compact high-resolution color Organic Light Emitting Diode (OLED) microdisplay.

The new XGA096 OLED-XLTM, measuring just .48-inch diagonal, is built on a single crystal silicon backplane with eMagin's proprietary thin-film OLED-XL technology. The ultra compact, high-resolution microdisplay – featuring a 9.6 micro pixel design – offers extended luminance performance with no back light or liquid materials required. The active matrix microdisplay delivers crisp, high-contrast imagery via eMagin's True BlackTM pixel technology. The screen turns on instantly at low temperatures without the need for heaters and is built to high commercial and military ruggedness standards.

Demonstrations of the new XGA096 OLED-XL will be available at this week's Society for Information Display conference being held at the Vancouver Convention Center, booth #1029. Also on display will be eMagin's Color OLED-XLSTM, the world's brightest family of super bright, low power consumption, full color microdisplays. At 1000 nits of luminance, it is four times brighter than the current industry standard.

“The XGA096 OLED-XL was designed specifically for near-to-eye applications demanding high-image quality, wide color gamut, compact size and very low power,” said Andrew G. Sculley, president and CEO of eMagin Corporation. “The displays are optimized for electronic viewfinders in high end cameras as well as other battery operated devices such as data glasses and augmented vision systems.”

eMagin is taking orders for engineering samples of the XGA096 OLED-XL. For more information and technical specifications, contact Bruce Ridley at bridley@emagin.com or 425-284-5212.

About eMagin Corporation

A leader in OLED microdisplay technology, OLED microdisplay manufacturing know-how and mobile display systems, eMagin manufactures high-resolution OLED microdisplays and integrates them with magnifying optics to deliver virtual images comparable to large-screen computer and television displays in portable, low-power, lightweight personal displays. eMagin microdisplays provide near-eye imagery in a variety of products from military, industrial, medical and consumer OEMs. More information about eMagin is available at www.emagin.com.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934, including those regarding eMagin Corporation's expectations, intentions, strategies and beliefs pertaining to future events or future financial performance. Actual events or results may differ materially from those in the forward-looking statements as a result of various important factors, including those described in the Company's most recent filings with the SEC. Although we believe that the expectations reflected in the forward-looking statements are reasonable, such statements should not be regarded as a representation by the Company, or any other person, that such forward-looking statements will be achieved. The business and operations of the Company are subject to substantial risks which increase the uncertainty inherent in forward-looking statements. We undertake no duty to update any of the forward-looking statements, whether as a result of new information, future events or otherwise. In light of the foregoing, readers are cautioned not to place undue reliance on such forward-looking statements.

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OLED-XL, Color OLED-XLS and True Black are trademarks of eMagin Corp. All other names are the products of their respective owners.

EDITOR'S NOTE: Interviews and demonstrations of eMagin's smallest and most compact high-resolution microdisplay are being scheduled for SID. Contact the media relations team to set an appointment. Photos are available upon request.
