

Press release 26082016

iView and Forth Dimension Displays to Collaborate on Structured Light Projectors (SLPs) for Chinese 3D Automated In-line Optical Inspection (3D AOI) market

- 3D AOI market is growing rapidly at 35%-40% per annum
- SLPs are a key component of 3D AOI machines

26th August 2016, Scotland – iView Limited (iView) and Forth Dimension Displays Limited (ForthDD) have entered into an agreement to develop, manufacture and sell Structured Light Projectors (SLPs). SLPs are a key component of 3D automated in-line optical inspection (3D AOI) equipment which is rapidly replacing 2D AOI in printed circuit board (PCB) manufacture. The ability to use 3D AOI to measure components in all three dimensions, on every PCB in real time, enables companies to improve yields and product quality while reducing wastage and costs.

ForthDD's SXGA-3DM is a fast switching, all digital, high performance reflective Spatial Light Modulator (SLM) product. Designed for 3D AOI, the widely used SXGA-3DM features the industry proven SXGA (1280 x 1024) Time Domain Imaging™ display with a 3D metrology specific display drive interface. iView has long established capabilities in the design and manufacture of microdisplay based projection engines. iView will manufacture the SLPs at their Shenzhen factory combining ForthDD's SXGA-3DM SLM with an LED illuminator and LED drive electronics, optical components and housing. The SLP will deliver precise, high resolution structured light patterns over a 40mm x 40mm field of view. This combination of the products and expertise from the two companies will allow Chinese 3D AOI equipment manufacturers to reduce their time to market and benefit from an established, experienced SLP supply chain.

Steve Yeung, CEO of iView said "3D scanning using structured light projection is an emerging technology with various applications. In particular, the market for 3D AOI machines is rapidly growing in China. Combining ForthDD's SLM and iView's projection technology will result in a cost effective 3D AOI optical system solution for our customers."

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Registered Number in England and Wales: 5220480 Registered Office: One Eleven, Edmund Street, Birmingham, B3 2HJ
A subsidiary of Kopin Corporation



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Greg Truman, CEO of ForthDD said “The market for 3D AOI machines is growing rapidly in all parts of the World. ForthDD has a very strong position in the market, supplying leading manufacturers in Germany, Japan and South Korea. Working closely with iView, ForthDD intends to develop a similarly strong position supplying Chinese 3D AOI machine manufacturers.”

END OF RELEASE

About Forth Dimension Displays – www.forthdd.com

Forth Dimension Displays: Leading designer and manufacturer of high resolution reflective Microdisplays and Spatial Light Modulators for the industrial, healthcare and government markets. It offers a wide range of microdisplay and SLM solutions optimised for the best performance in demanding applications.

Forth Dimension Displays is a wholly owned subsidiary of Kopin Corporation (NASDAQ:KOPN). Kopin is a leading developer and provider of innovative wearable technologies and solutions for integration into head-worn computing and display systems to military, industrial and consumer customers.

About iView – www.iviewdisplays.com

iView, headquartered in Hong Kong, with engineering and manufacturing arms in Shenzhen, China, is the leading provider of pico projection optical modules and is enabling pico projector products for various international brands. The company has the most versatile product range, from ultra-compact modules embedded in mobile devices, to products that enable mobile accessories, to high power modules for home entertainment and office use. In addition to consumer electronics sector, iView’s products are also being deployed in various industrial and medical applications such as automotive head-up displays, 3D scanning and printing, and medical vein finders.

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Forward-Looking Statements

Statements in this press release may be considered “forward-looking” statements under the “Safe Harbor” provisions of the Private Securities Litigation Reform Act of 1995. These include, without limitation, statements relating to our expectation that 3D automated in-line optical inspection (3D AOI) equipment which is rapidly replacing 2D AOI in printed circuit board (PCB) manufacture; the SLP will deliver precise, high resolution structured light patterns over a 40mm x 40mm field of view; this combination of the two company’s products and expertise will allow Chinese 3D AOI equipment manufacturers to reduce their time to market and benefit from an established, experienced SLP supply chain; the market for 3D AOI machines is rapidly growing in China; combining ForthDD’s SLM and iView’s projection technology will result in a cost effective 3D AOI optical system solution for our customers; the market for 3D AOI machines is growing rapidly in all parts of the World; and ForthDD intends to develop a similarly strong position supplying Chinese 3D AOI machine manufacturers. These statements involve a number of risks and uncertainties that could cause actual results to differ materially from those expressed in the forward-looking statements. These risks and uncertainties include, but are not limited to, the following: the 3D automated in-line optical inspection equipment (3D AOI) market may not grow; 3D automated in-line optical inspection equipment (3D AOI) may not continue to replace the 2D AOI equipment; there may be technical issues which prevent the SLP from delivering a precise high resolution structured light patterns over a 40mm x 40mm field of view; Chinese 3D AOI equipment manufacturers may not be able to reduce their time to market; combining ForthDD’s SLM and iView’s projection technology may not result in a cost effective 3D AOI optical system solution for their customers; ForthDD may not be able to develop a strong position supplying Chinese 3D AOI machine manufacturers; and ForthDD products may not be accepted by the market place. ForthDD undertakes no obligation to update any of these forward-looking statements to reflect events or circumstances occurring after the date of this release.