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Icron Technologies and The Imaging Source Authenticate Vision Interoperability

The Imaging Source's Series of Compact USB 3.0 Cameras Fully Operational up to 100m with Icron's Spectra™ 3022 Extension Solution

Burnaby, British Columbia – July 11, 2013 – [Icron Technologies Corporation](#), a leader in USB and video extension technology, and [The Imaging Source](#), a leading international manufacturer of industrial cameras for machine vision applications, confirmed today joint product interoperability between The Imaging Source's new series of compact [USB 3.0 cameras](#) and Icron's 100 meter fiber based USB extender, the [USB 3.0 Spectra™ 3022](#). Both products are designed to be in compliance with the Automated Imaging Association's (AIA) [USB3 Vision™](#) standard.

USB 3.0 cameras are rapidly increasing in popularity for [machine vision applications](#) due to their desirable blend of resolution, frame rate and affordability when compared to other camera interfaces. USB 3.0 cable reach is typically limited to about three meters, causing installation issues when longer distances are required. Icron's Spectra 3022 extender solution eliminates this distance restriction enabling USB 3.0 machine vision cameras, such as those from The Imaging Source, to operate without issue over distances up to 100 meters.

The new series of compact USB 3.0 cameras from The Imaging Source are available in color or monochrome with resolutions from VGA to 5MP, and are ideally suited to machine vision applications in automation, traffic surveillance, quality assurance, medicine, logistics, microscopy and security. The new series features robust, industrial casing (29 x 29 x 47 mm) with a C/CS lens mount, trigger and digital I/O inputs. The cameras ship with drivers for Windows XP, Vista, 7 and 8, the SDK IC Imaging Control 3.2 (.NET and C++ class library) and IC Capture. Furthermore, a number of automatic modes are available, which guarantee optimal image quality in varying light conditions.

Icron's USB 3.0 Spectra™ 3022 is a two port USB 3.0 SuperSpeed extension solution, enabling USB 3.0 connections at up to 5Gbps over 100 meters of multimode fiber optic cable. The Spectra 3022 features two locking USB 3.0 ports, delivers 900mA power to each port, and is ideal for vision camera applications. The product does not require software drivers, works with all major operating systems and comes with a two year warranty.

"Providing our customers the confidence of a validated vision compliant distance solution, with full robust performance, is very important," said Sebastian Bollhorst, General Manager at The Imaging Source. "Icron's new 100 meter Spectra extender opens up incremental applications and use cases across our entire series of compact USB 3.0 cameras."

"The Imaging Source is recognized as one of the world's leading industrial vision camera manufacturers; supplying products for scientific, industrial and medical applications for more than twenty years," stated Glenn Antonelli, Vice President of Marketing at Icron. "We are very pleased to add their cost effective USB 3.0 camera series to our [ExtremeUSB® Vision Interoperability program](#)."



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For more information about The Imaging Source camera series, please visit www.theimagingsource.com and visit www.icron.com to view Icron's ExtremeUSB® plug and play extension solutions.

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About Icron Technologies Corporation

Icron Technologies is the leading developer and manufacturer of high-performance USB and video extension solutions for commercial and industrial markets worldwide. Icron's patented extension technology extends PC Video and USB devices over many media types including Cat 5e, Fiber, Wireless, DisplayPort®, and over a corporate LAN. Icron's extension products are deployed in a wide range of applications including pro AV, industrial automation, machine vision, medical imaging, aerospace, interactive whiteboards, digital signage, remote desktop extension, security, enterprise computing and isolated USB, or anywhere a PC needs to be remotely located from a display or peripheral device.

www.icron.com

About The Imaging Source

The Imaging Source is a multi-national enterprise with branches in the US, Taiwan and Germany. They have been manufacturing imaging products for scientific, industrial and medical applications for more than twenty years. The industrial cameras, converters and frame grabbers manufactured by The Imaging Source are highly robust and are designed to run for years with no maintenance. The Imaging Source products are typically deployed in factory automation, quality inspection, medical systems, microscopy systems, life science projects and as of 2007 amateur astronomy. All imaging products manufactured by The Imaging Source ship with Microsoft Windows drivers, an SDK and powerful software for device control, display and saving of images. www.theimagingsource.com

Keyword tags: Icron, The Imaging Source, USB 3.0 extension, USB3 Vision, machine vision cameras, AIA, ExtremeUSB