

Icron Technologies Corporation

ExtremeUSB® Vision Interoperability Program

USB3 Vision

The AIA (Automated Imaging Association) published a new interface for machine vision applications on January 23, 2013 called **USB3 Vision** based around the USB-IF's (USB Implementers Forum, Inc.) popular USB 3.0 standard. USB3 Vision cameras are quickly gaining traction as they offer a desirable blend of simplicity (plug and play), affordability, quality resolution, and high throughput rates compared to other machine vision camera standards. However, USB 3.0 has a cable distance limitation of 3 meters—which can easily be overcome using Icron Technologies Corporation's USB 3.0 Spectra™ 3022 extender solution.

With an integrated 2-port hub and locking USB connectors, the Spectra 3022 is USB3 Vision compliant and is able to extend USB3 Vision cameras up to 100 meters over OM3 multimode fiber optic cabling.

Interoperability

Icron's ExtremeUSB® Vision Interoperability Program thoroughly tests USB3 Vision cameras in a variety of configurations while being extended 100 meters via the Spectra 3022.

Operating Systems:

- Windows 8
- Windows 7
- Windows XP

USB 3.0 Host Controllers:

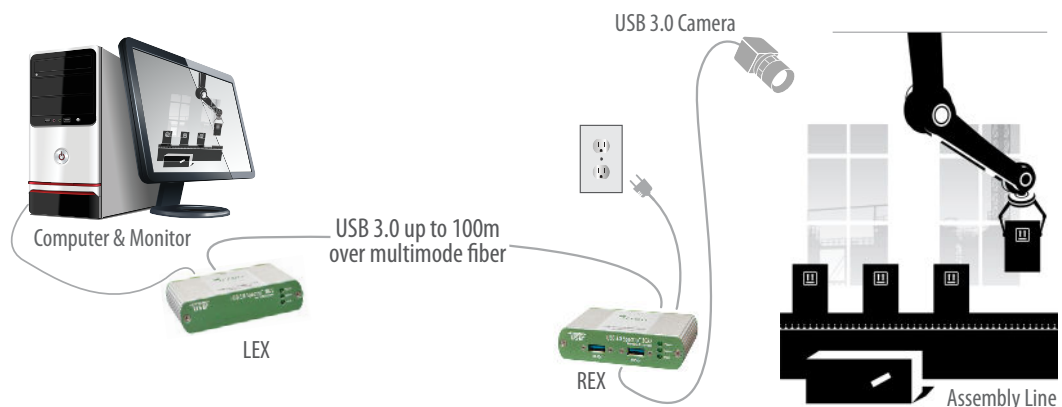
- Intel
- AMD
- Renesas
- Fresco
- ASMedia

Process begins by making contact with Product Management at Icron. After qualification, a USB3 Vision camera to represent a given product line along with lens and any other required components are sent to Icron in Vancouver, Canada for testing. Within three weeks, a report will be issued advising on interoperability test results. Camera will then be returned along with a Spectra 3022 for any subsequent testing desired by the manufacturer. Following mutual agreement of acceptance, the total solution will then be declared compliant and a press release will be issued by Icron. Reference of interoperability will also be posted on Icron's ExtremeUSB Vision Interop page along with other compliant camera manufacturers, and the Spectra 3022 can be returned to Icron.

Icron is also interested in keeping on hand reference cameras for ongoing development initiatives and testing. If interested in participating in this facet of the program, the manufacturer will not be required to return the Spectra 3022 and Icron will co-promote the total solution.

For More Information

To participate in Icron's ExtremeUSB Vision Interoperability Program or for more information, please contact Glenn Antonelli, VP of Marketing, Icron Technologies, glenn.antonelli@icron.com, +1 604 638 3922.



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USB
VISION

EXTREME
USB

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