



NEWS RELEASE

# UltraHD 4K HDMI Input Integrates into Snapdragon Solutions by Plugging in Inforce Computing's New Accessory ACC-1S80

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FREMONT, Calif., Jan. 31, 2018 (GLOBE NEWSWIRE) — Inforce Computing®, Inc., a leading provider of modular embedded computing platforms and solutions, introduces a new accessory card for their Snapdragon™ 820 based products, ACC-1S80™. This accessory card enables developers to bring in UHD 4K video input into Inforce 66XX based products through HDMI to CSI.

Developers working on IoT devices can use the ACC-1S80 accessory as a simple and fast way to easily integrate UltraHD video input into their product. This accessory is a perfect fit for applications working on HDMI sink based applications that require 4K video processing as seen in video conferencing, large display walls, security solutions and use-cases that necessitate high-resolution video encoding.

ACC-1S80 supports up to UltraHD 4K@30 resolution input on HDMI and includes support for other lower resolutions including FullHD 1080P@60. High-resolution 4K video streams are received from an HDMI source into the adapter card which then feeds CSI-2 Tx data to the Snapdragon 820 platform through two 41-pin MIPI-CSI connectors. 1080p or a lower resolution is achieved through a single CSI-2 interface that uses 4-lanes while 4K uses both CSI-2 interfaces through 8-lanes. Audio is available through I2C and the recorded stream will include HDMI audio.

Using the Toshiba UltraHDMI to CSI conversion chip, ACC-1S80 brings MIPI-CSI streams into the Inforce platform where Snapdragon 820's advanced ISP provides an excellent preview, and hardware accelerated encode and capture capabilities. The SBC or Micro SOM based development kit easily connects to the accessory through the two MIPI-CSI connectors. The necessary cables are included with the purchase of ACC-1S80. There is no additional power supply needed for this accessory to work and it is fully plug-n-play.

Inforce customers developing with Inforce 6640 SBC and Inforce 6601 Micro SOM dev kit, based on Snapdragon 820, can visit **Inforce's website** to preorder ACC-1S80 for \$250. This technology can be integrated into a custom solution.

Contact Inforce with feature requirements for custom quotes, volume pricing, and lead times for shipment. For more information, visit **[www.inforcecomputing.com](http://www.inforcecomputing.com)**.

Attending Embedded World at the end of February in Nuremberg, Germany? **Contact Inforce** to book an appointment or demo.

#### About Inforce Computing

Inforce Computing is at the bleeding edge of modern embedded computing design and is a leading supplier of application-ready embedded hardware platforms based on Android and Linux OS for low-power, small footprint, and high-performance solutions powered by the Qualcomm® Snapdragon™ family of processors and chipsets. Inforce's system-on-module (SOM), single-board-computer (SBC), development kits, and wireless technologies have enabled OEM solutions in diverse markets such as portable medical imaging, collaboration and videoconferencing, AR/VR based hands-free computing, computer vision, robotics, and drones. Inforce leverages mobile and embedded Internet technologies to provide hardware and software support for the long term. Inforce also provides broad hardware and software design services to accelerate customer designs to market. More information can be found at **[www.inforcecomputing.com](http://www.inforcecomputing.com)**.

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