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#### FOR IMMEDIATE RELEASE:

# tvONE Raises AV Performance Standards with its Newest CORIO®2 Universal Scaler

**ERLANGER, KY,** December 20, 2013 - tvONE (<u>www.tvone.com</u>), a leading designer and manufacturer of cutting-edge video and multimedia processing equipment, is pleased to announce its newest CORIO<sup>®</sup>2 Universal Scaler. The C2-2855 is the first in a new generation of high performance scalers providing best-in-class video scaling and format conversion along with revolutionary, intuitive user interface tools.

The C2-2855 Universal Scaler has more input/output flexibility than any other previous tvONE scaler. It can be set up and managed using a new, innovative front panel or via a computer-based emulator that allows setup in less than 1/3 the time of the previous generation. The front panel helps with setup time and quick configuration changes with 2-press presets.

The C2-2855 provides high quality bi-directional conversion between a variety of analog and digital video formats. Inputs and outputs can be SD/HD/3G-SDI, HDMI, DVI, Composite Video, YC, YUV, YPbPr or RGB. An included key feature allows an image to be keyed over another and faded in and out due to the 4:4:4 sampling format for RGB sources, precise keying at the pixel level can be achieved. Transitions permit Seamless Cut, Fade or Wipe transitions between input sources and the Picture-In-Picture (PIP) functionality allows an input to be inset in a window over a second input or vice versa, with the PIP window having the ability to be placed anywhere on the screen. The Genlock feature ensures precise synchronization of the incoming signals by providing a wide subcarrier lock range with subcarrier phase adjust. Frame lock allows for different resolutions to be used independent of the locked frame rate.

Control software is available for the C2-2855 on several Windows PC OS platforms and interfaces directly with the C2-2855. A front panel display and contextual buttons makes setup easy. The unit is housed in a desktop case and can be rack-mounted with an optional 19-inch rack mount kit that holds one or two units.

Elimination circuitry on CV & YC outputs ensure crisp, clear images, while full bandwidth chroma sampling ensures faithfully reproduced, high resolution colors. Motion compensation, diagonal interpolation and a 3:2 Pulldown feature for NTSC greatly improve the image quality. Temporal interpolation greatly improves frame-rate conversion by merging successive frames. Pixel Level Motion Adaptive Diagonal Interpolation ensures high quality de-interlacing of PAL and NTSC signals.

The unit can be controlled via the front panel push buttons, a serial (RS-232) or Ethernet (IP) connection. It also adds Still Image Store and Logo Layering. Signal parameters of the incoming video may be

adjusted, and all settings are stored in non-volatile memory and are retained even when power is switched off. Twelve user-defined presets are available to customize settings for various applications.

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## About tvONE

A subsidiary of Nortek, Inc., tvONE is a world class solutions provider specializing in video conversion and AV signal distribution. Headquartered in Erlanger, Kentucky, United States, with offices in Europe, USA, Taiwan, China and Latin America, tvONE provides a complete line-up of products and services for the professional AV and broadcast video markets. Following the global merger of tvONE and Magenta Research in July 2013, the new company tvONE now encompasses these two superior brands under one umbrella.

The tvONE brand specializes in video, audio and multimedia processing equipment, based on its proprietary CORIO<sup>®</sup> video conversion technology. Products include all-in-one system solutions, windowing processors, scan converters, seamless switchers, video scalers, up/down/cross converters, analog-digital converters (SD/HD-SDI, HDMI, DVI), format converters and standard converters.

Magenta Research is the industry-recognized brand for the transmission, switching and flexible distribution of multi-format video, audio and auxiliary signals over fiber and Cat-X cabling. Products include AV extenders, distribution amplifiers and matrix switchers for DVI, HDMI, VGA, and component, composite, s-video, audio, USB, and RS-232 signals.

To download an accompanying image suitable for publishing along with this news release, please use the following link, it will take you to tvONE's Product Photo web page: <a href="http://www.tvone.com/press\_photos.shtml">http://www.tvone.com/press\_photos.shtml</a>.

#### About Nortek, Inc.

Nortek, Inc. is a leading diversified global manufacturer of innovative, branded residential and commercial ventilation, HVAC and technology products. Headquartered in Providence, Rhode Island, United States, Nortek offers a broad array of products, including technology offerings, in audio, video, access control, security and digital display mounting and mobility products. Please visit: <u>www.nortekinc.com</u> for more information.