

Signing Up!

15 innovations in the digital signage category.

By Carolyn Heinze

As organizations in the retail, hospitality, commercial, and education spaces continue to increase their use of digital signage solutions, manufacturers are responding with products designed to facilitate the installation, maintenance, and management of these displays and their supporting equipment. Here's the latest in this expansive product category.

BRIGHTSIGN SERIES 4 PLAYERS

BrightSign recently rolled out its Series 4 range of digital signage players, which support Dolby Vision and HDR10+. The new XD234 and the XD1034 replace the manufacturer's XD Series 3 products, while the XT244 and XT1144 replace the XT Series 3 line. The XT line will continue to support PoE+, with the XT1144 supporting HDMI In.

www.brightsign.biz



DATAPATH HX4 CONTROLLER

Datapath's new Hx4 is a stand-alone display controller that will run a single 4K HDMI source across four HD outputs in ultra high-definition. All cropping, scaling, rotation, and frame rate conversion is handled by the controller's software, allowing for each output monitor to take inputs from any region of the output image. The unit features a single Ethernet connection for status monitoring and hardware control. Third-party software integration is made possible via a REST application program interface.

www.datapath.co.uk



LG OLED WALLPAPER HOTEL TV

The 65-inch OLED Wallpaper Hotel TV from LG is 3.86mm (0.15 inches) thin, and, as its name suggests, is designed for hotel suites. The electrical components are tucked away in the TV's Media Box, enabling the display to be installed flush with the wall.

www.lgsolutions.com



TOSHIBA ELLUMINA

Toshiba's Ellumina line includes both front-end and back-end digital signage technology, including displays, content management, and interactive solu-



At lifestyle products retailer Brookstone, Toshiba's line of Ellumina digital signage systems enables customers to have an engaging in-store experience. The technology's Lift 'n' Learn solution lets consumers do just that: pick up a product, and via a display, learn more about it.

tions. Its Virtuoso touch solution accommodates anything from wayfinding applications to consumer engagement. "Lift 'n' Learn" functionality integrates products with signage: when a retail customer lifts a product off a shelf, the signage will display relevant information about that item.

www.business.toshiba.com

SONY PRO BRAVIA

This line from Sony features two new models, the FWD-100Z9D 4K, and the FWD-75X850E 4K. The FWD-100Z9D 4K incorporates Sony's Backlight Master Drive Technology and combines both 4K and HDR to offer lifelike images. The FWD-75X850E 4K is HDR-ready, and runs Triluminous display technology as well as Sony's X1 reality creation processing. LED backlighting and HTML-5 capability are also available on the FWD-75X850E 4K, and both of these models are equipped with Android's latest Smart TV tech.

www.sony.com



VIEWSONIC CDX5562 DISPLAY

The 55-inch CDX5562 from ViewSonic features Full HD 1080p resolution and an edge-to-edge bezel width of 1.8mm. The display will support 10x10 daisy chains (via Display Port or DVI) and when configured in a 2X2 daisy chain, it will support resolutions up to 3840x2160. Designed as an all-in-one display solution, the CDX5562 houses dual 10W speakers.

www.viewsonic.com



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SHARP AQUOS BOARD

The latest addition to Sharp's AQUOS BOARD line of interactive displays is the 70-inch PN-L70H. The surface, which offers 3840x2160 resolution, can detect up to 30 touch points simultaneously. The display comes bundled with the PN-ZL06

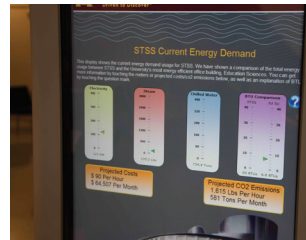
Bluetooth-connected touch pen, and customers may purchase additional pens to support up to four simultaneous users. Also out from Sharp is the PN-V701, a 70-inch monitor that has a 4.4mm bezel, and is designed to enable integrators to build video walls with fewer monitors and bezel lines.

siica.sharpusa.com

TIGHTROPE CAROUSEL

Carousel Digital Signage by Tightrope Media Systems has released Carousel 7.0 software, designed to streamline integration with BrightSign media players. New auto-provisioning features eliminate the need to write SD cards for each player, and Carousel houses player settings on its server so that users can make remote adjustments and firmware updates.

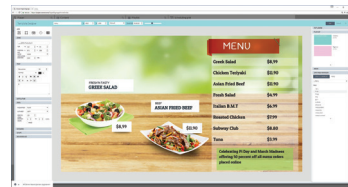
www.trms.com/carousel



NAVORI SOC TIZEN OS

Navori's system-on-a-chip (SoC) native Tizen OS software-based digital signage engine is certified for Samsung Tizen smart displays. (The company also supports SoC smart displays by Panasonic, Philips, and Elo.) Navori has also updated its QL digital software engine to enhance feature sets for its QL Player, QL Network Manager, and QL Server.

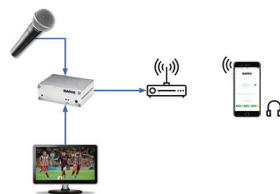
www.navori.com



BARIX AUDIOPOINT 3.0

Barix recently introduced AudioPoint 3.0, an update to its Audio Signage platform. This new version does not require an external channel server; instead, the channel server is built into Barix's Audio Signage Encoder. The encoder will support both single and multi-channel audio streaming for up to 250 simultaneous users.

www.barix.com



ZYTRONIC CONTROLLERS

Based on a proprietary ASIC, Zytronic's new multitouch controllers will let users incorporate RFID, NFC, and Qi wireless battery charging adjacent to or within the active display area of the touch screen. The company says that thanks to this ASIC, the touch screen's performance isn't compromised when these technologies are applied.

www.zytronic.co.uk



At Georgia State University's Creative Media Industries Institute in Atlanta, Ga., 24-foot long trapezoidal curved NanoLumens Nixel Series LED display provides students a surface upon which they may share project information.

NANOLUMENS NIXEL SERIES

This product line-up from NanoLumens features pixel pitches as low as 1.56mm, and can be customized according to shape and curvature. The series comprises both indoor and outdoor displays; the latter incorporate no fans, filters, or air conditioning in an effort to minimize maintenance requirements.

www.nanolumens.com

CLEARONE VIEW PRO

ClearOne's VIEW Pro line of IP video distribution solutions features H.264 compression, 24-bit color, and up to 1080p resolution at 60fps. The line also features video windowing and incorporates PANORAMA and CONSOLE software, offering operators a number of options, including the management of multi-panel video walls and multi-display distributed video networks.

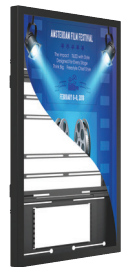
www.clearone.com



CHIEF IMPACT

Chief's new Impact product is an on-wall kiosk that lets installers adjust the depth of its exterior frame to accommodate a number of display sizes. The unit also features reversible hinges to make installation and maintenance easier, and its integrated engagement latches can be secured so that the kiosk can't be tampered with.

www.milestone.com



PEERLESS-AV DS-VW775-QR

Peerless-AV's SmartMount Supreme Full Service Video Wall Mount with Quick Release (DS-VW775-QR) was designed with the needs of integrators and end-users in mind. It offers time-saving installation and maintenance features including tool-less micro adjustment, easy hang wall plate, quick release mechanism, and reusable spacers for both portrait and landscape applications. With the addition of tool-less lateral micro-adjustment, the DS-VW775-QR offers 1.5-inch of fine tune adjustment on each of the X, Y, and Z axes.

www.peerless-av.com

