New media players simplify video walls

The new SI-624 Extreme Performance Video Wall Player from IBASE Puts video wall technology in the hands of even the smallest businesses.

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> "It's no surprise that organizations are seeking ways to incorporate video walls into their locations thanks to their ability to capture the attention of viewers and drive sales through their size and visual impact."

Although digital signage has taken its place in nearly every aspect of the marketplace, the technology is far from mature. The use of LCD video walls continues to expand, for example, with one study predicting that the global video wall market will grow at a compound annual rate of more than 11% over the next several years, reaching $36.2 billion by 2028. Along with their traditional use in retail settings, up-and-coming applications for video walls include conference rooms, gaming, entertainment and education. They're also being used in restaurants to display menus, and they're increasingly serving as the foundation for art installations in settings such as corporate headquarters, hotels and casinos.

In addition to the growing number of applications, helping to fuel growth in the video wall market are new technologies that make it easy for even small organizations to deploy video walls while at the same time taking advantage of increasing resolution that makes content even more eye-catching and engaging.

Proven power

It wasn't long ago that a 1080p resolution LCD composed of 2 million pixels (1920x1080) was considered top-of-the-line. Today, 4K displays featuring 8 million pixels (3840 x 2160) are considered standard, with 8K displays featuring 32 million pixels becoming increasingly common.

In addition, bezel widths continue to shrink, with so-called "razor bezels" measuring just 0.5 mm or thinner gaining market share. Display prices continue to fall as well, with prices of commercial displays just a fraction of what they were years ago.

It's no surprise that organizations are seeking ways to incorporate video walls into their locations thanks to their ability to capture the attention of viewers and drive sales through their size and visual impact. When it comes to retail, 80% of shoppers say they've entered a store because of digital signage, and 4 out of 5 brands say they've seen a 33% increase in sales after adopting the technology. In a restaurant setting, brands are seeing sales uplifts of

anywhere from a few percent to as much as 50% or more after incorporating digital signage into their operations.

And while some may not have considered deploying a video wall because they thought the technology might be too complicated for their operation, video wall players developed by IBASE Technology simplify the process. Founded in 2000, IBASE specializes in the design and manufacturing of robust industrial PC products, delivering high-quality products and excellent service.

The company's latest product, the SI-624 Extreme Performance Video Wall Player, makes it easy for even small organizations to deploy a video wall.

Four 42" displays arranged in a 1X4 configuration, for example, make a perfect digital menu board in a restaurant or a promotional display behind the checkout counter of a retail store. A 2X2 video wall can serve to grab the attention of clients at the entrance to an insurance agency or other professional office, guests in a hotel lobby or patients in a medical facility waiting room.

The SI-624 is powered by 12th Gen Intel® Core™ Processors with MXM NVIDIA Graphics. It's the perfect solution for displaying 4K/8K video wall or menu board content.

> **"...the SI-624 Extreme Performance Video Wall Player, makes it easy for even small organizations to deploy a video wall."**

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The SI-624 supports 1x HDMI 1.4 (console) and 4x DisplayPort, offering the ability to drive as many as 4 displays from a single unit. The player boasts versatile connectivity options with various M.2 slots (B/E/M-Key) for seamless integration of additional functionalities and expansion cards. It also supports OOB (Out-of-Band) management and PDPC (Peripheral Device Power Control) functions to effectively manage devices in case of OS crashes, malfunctions, or external device issues. It also supports IBASE iSMART intelligent energy-saving (provides EuP/ErP power saving, auto power on/off scheduler, OS recovery, power resume, and low-temperature guardian functions) & Observer remote monitoring technologies.

The SI-624 features a compact and rugged design for 24/7 operation. The unit is 13" (329.2mm) wide x 8.3" (210 mm) deep x 2.9 (73.1mm) high for easy, discreet mounting. Its operating temperature is 0°C~ -45°C (32°F - ~113°F) for use in a wide variety of environments. It includes a 128G 2.5" SATA SSD drive, allowing for the storage of large amounts of content. The SI-624 features the Windows 10 IoT Enterprise (64-bit) or Linux Ubuntu (64-bit) operating systems for the most up-to-date features.

The player supports M.2 B-Key (3052) for 5G, as well as M.2 E-Key (2230) for WiFi-6E/BT and 2x M.2 M-Key (2280) for storage and 4K video capture functions.

The SI-624 Extreme Performance Video Wall Player is just the latest IBASE product service to revolutionize digital signage. Click here for additional information and to learn more about its features.

Features of the SI-624 Extreme Performance Video Wall Player from IBASE

12th Gen Intel® Core™ Processors Video Wall Player with MXM NVIDIA Graphics and Four DP

- iSMART intelligent energy-saving & Observer remote monitoring technologies
- 12th Gen Intel® Desktop Core™ i7/i5/i3 / Pentium® / Celeron® QC/DC processors
- 2x DDR4-3200 SO-DIMM, Max. 64GB, ECC compatible
- NVIDIA Ampere Architecture MXM GPU cards (Type A/B, up to 115W)

- 4x DP++ output
- 1x M.2 B-Key (3052) for 5G or LTE options
- 1x M.2 E-Key (2230) & 2x M.2 M-Key (2280) for Wi-Fi, Bluetooth, capture or storage options
- Supports OOB function via I210 LAN port (optional)
- Supports TPM 2.0
- Compact and rugged design

Source: IBASE Technology

ABOUT THE SPONSOR:

IBASE Technology (TPEx: 8050) specializes in the design and manufacture of robust industrial PC products, delivering high-quality products and excellent service since its establishment in 2000. We carry out manufacturing and quality control at our own facilities in Taiwan that are ISO 9001, ISO 13485, and ISO 14001 certified. IBASE supply a comprehensive range of digital signage media player products designed for single and multiple large displays that are ideal for a variety of applications and venues such as restaurants, retail stores, banks, airports and shopping malls to convey dynamic information and targeted promotions. We offer the highest quality entry, mid-range to extreme performance UHD/4K/8K digital signage players to enhance the customer experience. For more information, please visit www.ibase.com.tw.

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