FLAT PANELS **BUSINE**



nd the manufacturers further develop Steve Emsnak of Shen Milsom & Wilke expects to see more 4K retrofits.

The driver for most conference rooms laptop or PC resolution, he explained. And until higher resolution laptops become widespread, there won't be much motive to spend more for higher resolution displays in conference rooms or other presentation spaces.

"As consumer displays increasingly proliferate into the corporate AV space. the speed of change may well be up to the display manufacturers and how rapidly they convert over to

cost effective 4K displays for their consumer product offerings," Laney added. "As it is generally trivial to scale a 1080p signal to 4K, the new 4K displays can coexist comfortably with a 1080p distribution infrastructure until that is upgraded as well."

Mounting Hardware

Those for 4K displays are no different than the requirement for typical HD displays of equal size, Emspak said. "The weight is the driving factor that determines the blocking requirements; the resolution is irrelevant."

Yandell doesn't necessarily have any mounting concerns, but displays will need to increase in size, in many cases, for the customer to realize the benefit of the increased resolution, he noted. "These larger displays may pose challenges in existing environments."

4K should not have any impact on mounting panels, Laney said, but there may be installation concerns. "It depends on the content; professional products are not currently up to speed on the needed specifications for 4K content. If you are passing the signal from one device to another, HDMI 2.0 is required. And if you are watching 4K videos, the devices must be equipped with HDCP 2.2 in order to hand shake the signal."

As to the future, Allison said Waveguide Consulting is adding the best of the 4K displays to its database and is actively pursuing opportunities to insert them into designs. "I expect a corporate standard in the near future that includes a 98-inch 4K display. Next year I suspect that 70 percent of the larger displays (bigger than 65-inches) will be 4K. I expect that half of the projectors will be 4K and half of those

Karen Mitchell is a freelance writer living in Boulder, CO.

viewpoint

At Issue: What client demands are impacting your product designs?

Nick Belcore

Executive Vice President, Peerless-AV

As digital signage and the deployment of panels into commonly traversed areas proliferate, we find our clients are looking for a variety of options that address aesthetics or compliance with the Americans With Disabilities Act, sometimes both. In these instances, our clients are utilizing recessed wall applications where they need a solution that is cost-effective, time saving, and easily accessible, specifically after installation is complete. Our Quick Release Video Wall Mounts meet these needs, and more. Requiring the least amount of force to activate the push pull feature for serviceability, the Peerless-AV Quick Release Video Wall Mounts are able to support the delicate construction of many displays. With tool-less micro-adjustment and custom wall plate spacers, the mounts eliminate guesswork and on-site installation time. These mounts also allow our clients to easily articulate the display from the wall, providing that serviceability they are looking for. With these mounts, we have prepared our customers with an ideal video wall solution.

Becky Connors

Product Marketing Manager, Planar Systems

End users are embracing 4K at a rapid pace and looking for ways to incorporate higher resolution displays into new and replacement installations. To meet the needs of installations requiring mid-sized 4K displays, we designed the new Planar EP-Series 4K displays, available in 58-inches and 65-inches. The first of its kind in the industry, these displays combine the visual benefits of Ultra HD resolution with commercial reliability and functionality for demanding 24x7 operations. Each display comes standard with an expansion slot that supports Intel's Open Pluggable Specification (OPS), allowing scamless integration of third party hardware, such as PCs and HDBaseT receivers. At a mere 14mm, the logo-free bezel on Planar EP-Series 4K displays is hardly noticeable, allowing the spotlight to shine on the display screen. Also available in multi-touch versions, these 58-inche and 65-inch displays bring interactivity to the 4K immersive experience.

Products

Peerless-AV SmartMount Full-Service Video Wall Mount with Ouick Release (DS-VW765-LOR)

The Peerless-AV SmartMount Full-Service Video Wall Mount with Ouick Release (DS-VW765-LOR) is designed for quick service access in recessed video wall applications. With the quick-release functionality, users can articulate the display from the wall by gently pressing on the front of the display. The DS-VW765-LQR features tool-less micro-adjustment and provides easy-access to any display. The custom wall plate spacers eliminate guesswork and on-site installation calculations and measurements, reducing installation time and cost.



Planar EP-Series 58-inch and 65-inch

Planar is bringing 4K resolution to its popular Planar EP-Series line with the introduction of 58-inch and 65-inch models. The displays, built for mission-critical and extended use applications, are ideal for demanding 24x7 commercial operations, such as airports and control rooms and as digital signage in a variety of settings including retail stores, hospitality settings and corporate lobbies.

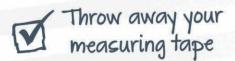
The new 4K displays join the Planar EP-Series full HD 46-inch and 55-inch models, known for high durability, stunning image performance, and advanced commercial functionality. The ultra HD Planar EP-Series 58-inch and 65-inch displays come standard with an expansion slot that supports Intel's Open Pluggable Specification (OPS) for digital signage, making them compatible with OPS devices, such as media players and PCs. The new 4K displays support both landscape and por trait modes and include an ultra-slim, logo-free bezel to direct viewers' attention to the display's content. Planar EP-Series 4K displays are also available with integrated multi-touch technology for interactive 4K experiences.

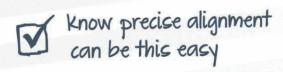


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