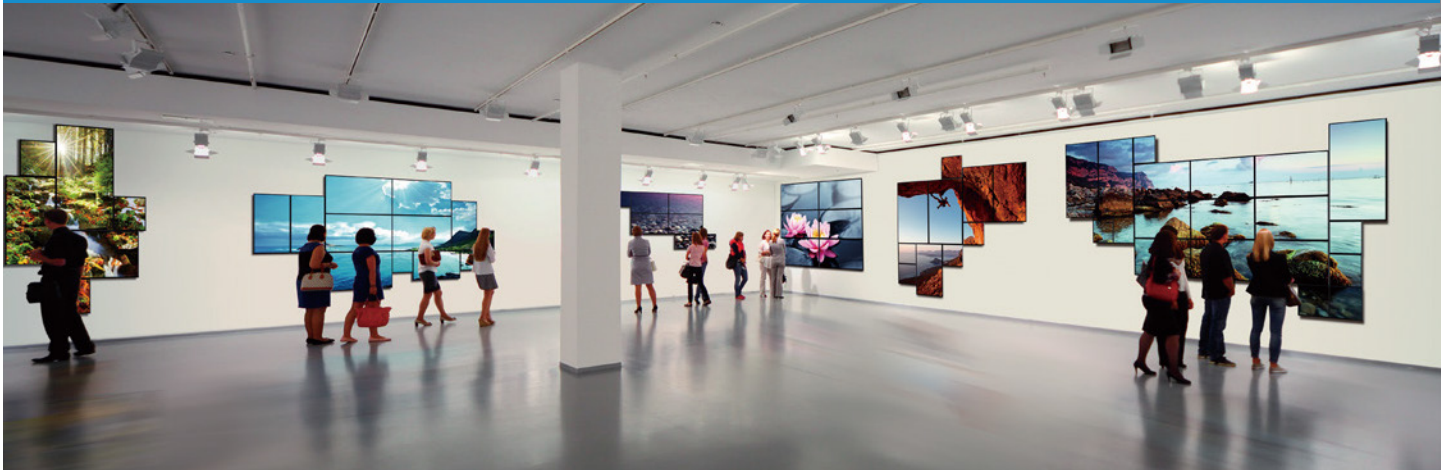


Samsung Color Expert Technology for Video Wall Displays

Enhance video wall visibility with advanced factory calibration and an exceptional user calibration tool

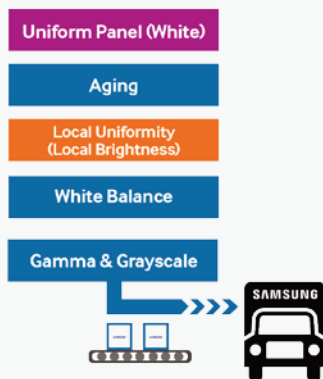


Samsung Color Expert Technology for video walls improves the viewing experience by adjusting all panel specifications to similar conditions. The displays go through an advanced color and brightness calibration process in the factory, but if a user wants a more fine adjustment of color, the user can accomplish it with the Color Expert user calibration software provided with Samsung SMART Signage Video Wall displays.

Samsung Color Expert Technology

Factory Calibration

Samsung's multistep factory tuning helps ensure uniform brightness and color across video wall displays.



ACM Chipset

Advanced Color Calibration through the dedicated Calibration chipset.



Color Expert S/W

Powerful user calibration software for users who want advanced settings and uniformity with their video wall displays.



Samsung Color Expert Technology provides optimal calibration through an advanced combination of software and hardware

Calibration of video wall displays is the most important step of video wall deployment. By calibrating video wall displays, customers can get uniform color, vivid pictures and accurate images on multiple displays in large scale.



Conventional without factory calibration

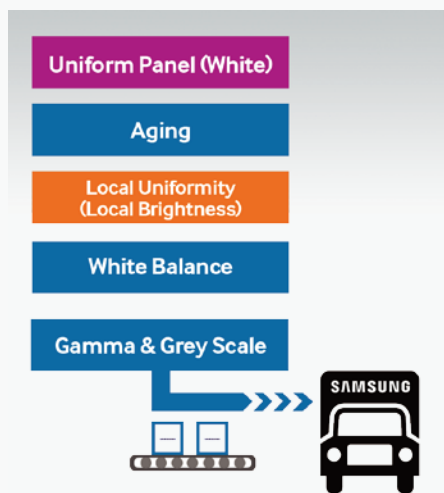
- Color difference with near display
- Spot color difference
- Tunnel shape difference



Samsung SMART Signage Video Wall

- Uniform color and brightness within a single display and across multiple displays

Factory Calibration



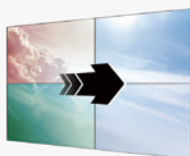
1.



Local Uniformity

- Remove Spot or Tunnel color difference
- Commit more than 90% local uniformity

2.



White Balance

- Enhances color difference between neighboring displays
- Less than 300K difference

3.



Gamma & Grayscale

- Natural and accurate image from gamma curve close to ideal

ACM Color Chipset



The best performing 16bit Color Chipset

- Powerful 16bit processing
- Deep color of 12 bit LUT (Look Up Table)
- Enabler of factory and user calibration

Color Expert Software



The most advanced user calibration software for video wall displays

- The most advanced user calibration software for video wall displays
- Fast and high performance
- Top level accuracy option

For more information, please visit www.samsung.com/b2b or www.samsung.com/displaysolutions