



Active LED

Genius fine pixel pitch LED video wall displays offer organizations a seamless, high resolution visual experience. It is ideal for traditionally budget-conscious markets like house of worship, education and mid-sized business. The video wall displays are available in 0.46, 0.79, 0.9, 1.2, 1.5, 1.8, 2.5 and 3mm pixel pitches.

SMD 3 in 1

COB (Flip Chip)

HDR

Specialized in curve Active LED wall

- Available in 0.46, 0.79, 0.9, 1.2, 1.5, 1.8, 2.5 and 3 mm pixel pitch
- Seamless LED video wall for tiled configuration
- 16:9 aspect ratio for Full HD or 4K / 8K / 16K
- Front installation and serviceability
- Pre-packaged Genius Complete video wall displays available in 108" 136" and 163" onwards sizes or any sizes as per customer requirement.

The Right Resolutions

The genius cabinets feature a 16:9 aspect ratio that enable each pixel pitch to achieve popular resolutions including Full HD and 4K/ 8K/ 16K. The displays can also be configured to form video walls of other shapes, for a wider range of applications. With fine pixel pitches, the video walls excel in environments with viewing distances as close as 1 feet.

LED Data Video Wall

Thin is IN Series

Genius IN Series cabinets feature front/rear installation and serviceability, enabling users to mount them directly to a wall as well as on floor structure. With a thin mounted profile of less than 4", the video wall footprint meets the requirements with Disabilities Act (ADA) compliance, making it a viable option for installation in more and smaller environments than other video wall solutions.



Genius IN Series: Off-the-Shelf Video Walls

If creating a video wall seems like too much, consider a pre-packaged GENIUS LET'S RISE™ Video Wall. It reduces the Time, complexity and cost of designing and installing a video wall because we have packaged everything in one complete solution. It offers IP30/IP20/IP31/IP21 for indoor display. Simply select the Full HD video wall size that best suits the environment and application, and receive the ideal LED display cabinets, video controller, cables, spare modules and wall mounts, all included. Available in 108", 136" or 163" onwards diagonal sizes or any sizes as per customer requirement.

COB/SMD 3 IN 1 GENIUS IN SERIES SPECIFICATIONS

Model No.	COB		COB/ SMD 3 in 1				2.5IN	3IN
	0.4IN	0.7IN	0.9IN	1.2IN	1.5IN	1.8IN		
Pixel Pitch	0.46mm	0.79mm	0.90-0.99mm	1.20-1.29mm	1.50 - 1.59mm	1.80 -1.89mm	2.5mm	3mm
Pixel Density/SQM Pixels exhibited (dots)	4725897	1602307	1234567 - 1020304	694444-600924	444444 -395553	308641 -279947	160000	111111
Power Consumption, Maximum (watts)	100/Cabinet 500/m ²							
Line Voltage	100-240V AC, 50/60Hz							
Cabinet Weight (per display)	As per cabinet standards							
Cabinet Weight (per m2)	As per cabinet standards							
Brightness (nits)	600-1500							
Contrast Ratio	SMD 3 in 1 --10000:1/ COB -- 40000:1, Dynamic -- 400000:1							
Brightness Uniformity	>= 97 %							
LED Refresh Rate	3840Hz/1920Hz							
Frame Rate	50/60/120Hz							
Color Temperature, Adjustable (k)	3,000 - 10,000							
Viewing Angle, Horizontal, Vertical	160° H, 160° V							
Service Access	Front/Rear							
Environment	Indoor							
Operating Temperature/ Humidity (degrees C, relative humidity)	-20° to 55° C 10-90%							
Storage Temperature/ Humidity (degrees F/C, relative humidity)	-30° to 70° C 10-95%							
Technology	SMD 3 in 1/ COB (Flip Chip)							
LED Lifetime: Typical	100,000 hours							