

UHD Videowall
Perfect Display

AVEEN SHF Series

FRONT-INSTALLATION & FRONT-SERVICEABLE UHD

AVEEN SHF Series

FRONT-INSTALLATION & FRONT-SERVICEABLE UHD



High End

Retail

Easy Front-Maintenance

The module design significantly cuts down on maintenance time, allowing ease of access and simplifies the overall maintenance process.



Space Saving Front Maintenance

The SHF is 65mm thick and can be installed on walls requiring only 120mm of space, saving up to 80% of installation space compared to other common UHD products.

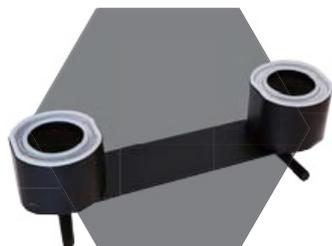


THE FIRST

FRONT-INSTALLATION & SERVICEABLE UHD
IN LED INDUSTRY



FRONT MAINTENANCE STEP-BY-STEP



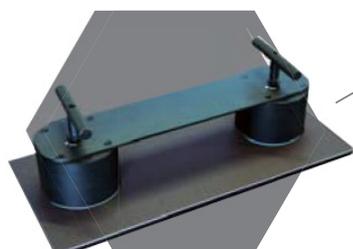
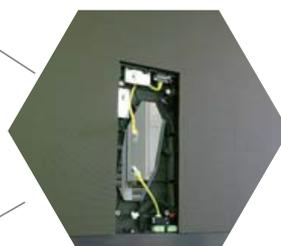
Set front maintenance tool to default position by rotating the magnetic discs counter clockwise. Always set the tool to the default position before placing it on the module to prevent damages to the LEDs.

Gently place the front maintenance tool onto the module. You should feel a slight magnetic pull.



Keeping the tool against the module, rotate the magnetic discs clockwise until firmly secured.

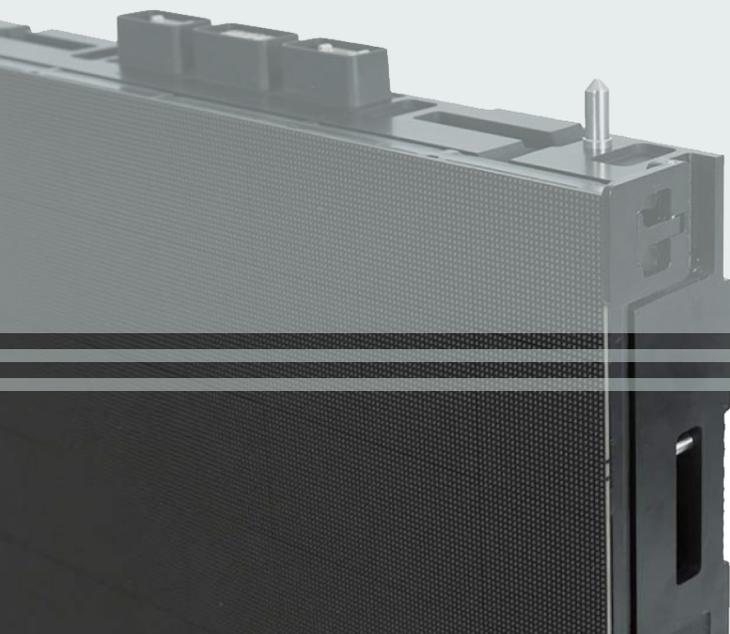
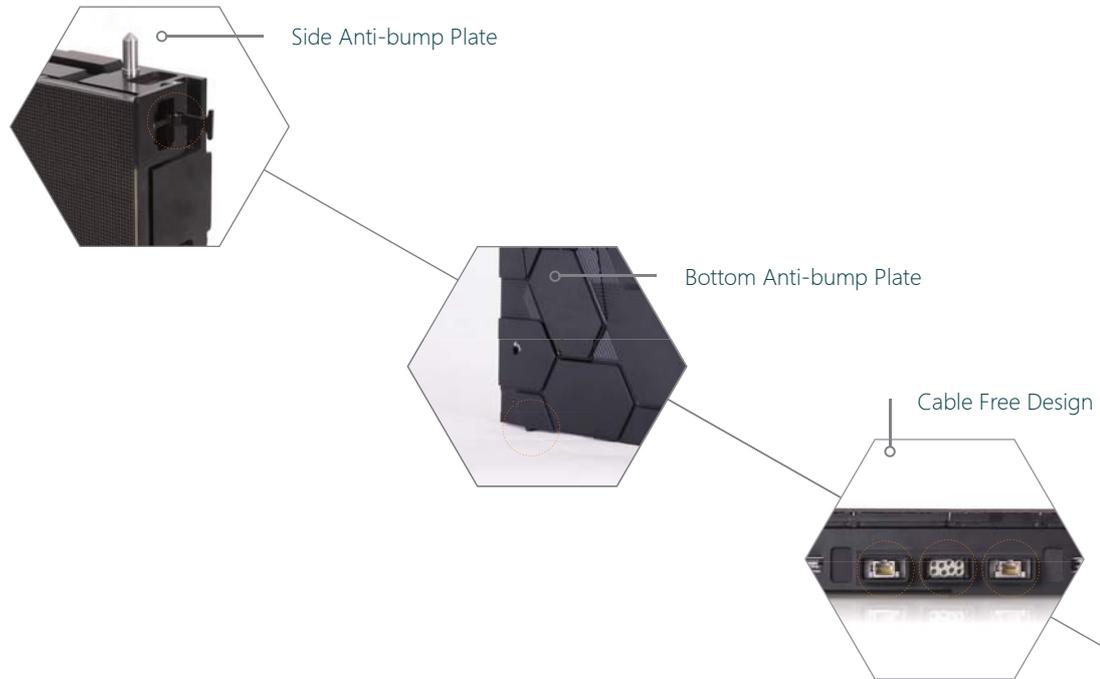
Grip the two handles on the tool and firmly pull the module out of its frame. Carefully detach the two data cables and power supply.



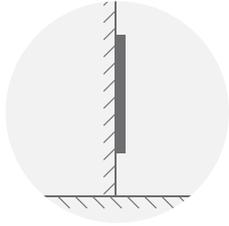
Place the module on a flat surface and detach the front maintenance tool from the module by rotating the magnetic discs counter clockwise to its default position.

Cellular Structural and Wire-Free Design

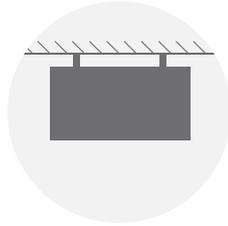
- The honeycomb cellular structural design provides the SHF with better industrial strength, less chance for warping and perfect Batness. The wire-free panels also provide a more reliable connection strength and less installation hassle.



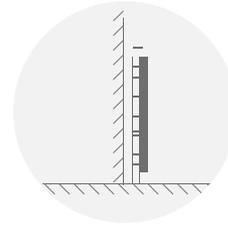
INSTALLATION MODE



Mounted Installation



Rigging Installation



Mounted Installation

SHF 1.6	FHD (1920 x 1080)	144"
SHF 1.2	FHD (1920 x 1080)	108"



Concealed Module Handle



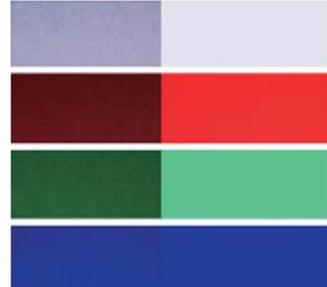
Concealed Panel Handle

Cellular Structural and Wire-Free Design



Low Brightness
with High Grayscale

High Brightness
with High Gray Scale



Before Calibration

After Calibration

BRIGHTNESS

Being able to withstand ambient lights, an LED wall can deliver perfect images in a well-lit room or even outdoor.

LCD walls: ambient light drastically affects the visibility of the image.

LED Walls



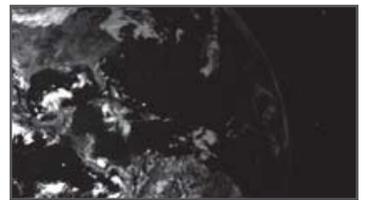
LCD Walls



COLOR GRAYSCALE

The images on an LED wall is much more vivid and can reveal finer details than that of an LCD.

The layering of images on an LED is much stronger and crisper and the grayscale much more defined.



BEZEL

LED walls have no bezel

LCD walls: the gap of bezel is typically 3.5mm



LIFETIME

LED walls: 100,000hrs

LCD walls: 60,000hrs



After 1 year usage:
Keeps great color uniformity over time.



After 1 year usage:
Colors deteriorate over time.

Specifications:

General Specifications

AVEEN SHF Series

Model	SHF 1.2	SHF 1.6	SHF 1.9
Pixel Pitch (mm)	1.25	1.667	1.923
Panel Dimensions (WxHxD)/(mm)	400*450*65	400*450*65	400*450*65
Pixel Per Panel	320*360	240*270	208*234
Panel Weight (kg)	6.7	6.7	6.7
Panel Material	Die casting magnesium alloys	Die casting magnesium alloys	Die casting magnesium alloys
Module Dimensions (WxH)/(mm)	200*450	200*450	200*450
Brightness (nit)	600	800	800
Refresh Rate (Hz)	3840	3840	3840
Gray scale (bit)	14	14	14
Viewing Angle (H/V) (°)	160/160	160/160	160/160
Driving Type	1/30	1/30	1/26
AC Operating Voltage (V)	100~240	100~240	100~240
Power Consumption (Max./Avg.)(W/m²)	790/265	690/230	690/230
Storage Temperature (°C)	—20~+50	—20~+50	—20~+50
Operating Temperature (°C)	—10~+40	—10~+40	—10~+40
Storage Humidity (RH)	10%~90%	10%~90%	10%~90%
Operating Humidity (RH)	10%~90%	10%~90%	10%~90%
IP Rating (Front/Rear)	IP40/IP20	IP40/IP20	IP40/IP20
LED Lifetime (H)	100000	100000	100000
Module Maintenance	Front	Front	Front

Head Quarters

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