

Light Weight Video Wall Panels

- High color fidelity for bright and vibrant content
- Wider viewing angle without color shift
- High stability and reliability



SUPERIOR IMAGE QUALITY

- High color fidelity
- High pixel density
- High contrast ratio of 4,000 : 1

IDEAL VIEWING

- Weight of 4.2 kg/panel for easily wall-mounted video walls
- Designed for common aspect ratios like 16:9 or 4:3
- Fanless design perfect for sound sensitive applications

PRECISE INSTALLATION

- Unique snap lock panel system for seamless panel-to-panel connection

DSS TV PRO™ elevates UHD image reproduction while showcasing over 281 trillion colors and a tight pixel pitch ranging from 1.25mm to 1.87mm. Aspect ratio friendly and light weight, DSS TV PRO has a wider viewing angle without color shift, making it an excellent choice for sportsbooks, bars, stadiums, and more.

TV PRO

	TV PRO 1.25MM	TV PRO 1.56MM	TV PRO 1.87MM
Physical Pitch	1.25 mm	1.56 mm	1.87 mm
Pixel Configuration	SMD	SMD	SMD
Pixel Density	640,000 pixels/m ² 129,600 pixels/panel	409,600 pixels/m ² 82,944 pixels/panel	284,444 pixels/m ² 57,600 pixels/panel
LED Module Dimensions (mm)	300 x 168.75	300 x 168.75	300 x 168.75
Panel Dimensions (mm)	600 x 337.5 x 27* (23 5/8"W X 13 5/16"H X 1 1/16")	600 x 337.5 x 27* (23 5/8"W X 13 5/16"H X 1 1/16")	600 x 337.5 x 27* (23 5/8"W X 13 5/16"H X 1 1/16")
No. of Modules Per Panel	2 x 2	2 x 2	2 x 2
Physical Resolution of Module (WxH)	240 x 135	192 x 108	160 x 90
Physical Resolution of Panel	480 x 270	384 x 216	320 x 180
Weight per Panel	4.3* kg (9.48 lbs)	4.0* kg (8.82 lbs)	4.0* kg/panel (8.82 lbs)
Weight per m ²	21.5* kg (47.40 lbs)	20* kg (44.09 lbs)	20* kg (44.09 lbs)
Processing (bit)	14 - 16	14 - 16	14 - 16
Colors	281 trillion	281 trillion	281 trillion
Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1
Average Power Consumption	38 - 63 w/panel	38 - 63 w/panel	38 - 63 w/panel
Max. Power Consumption	126 w/panel	126 w/panel	126 w/panel
Operating Temp/Humidity	-10 - 40°C / 10 - 90%	-10 - 40°C / 10 - 90%	-10 - 40°C / 10 - 90%
Storage Temp/Humidity	-20 - 50°C / 10 - 95%	-20 - 50°C / 10 - 95%	-20 - 50°C / 10 - 95%
Brightness (nits)	≥600	≥600	≥800
Refresh Rate (Hz)	1,920 ~ 3,840	1,920 ~ 3,840	1,920 ~ 3,840
Horizontal Viewing Angle (°)	160	160	160
Vertical Viewing Angle (°)	140	140	140
Expected LED Lifetime	100,000 hours, max.	100,000 hours, max.	100,000 hours, max.
Servicing	Front	Front	Front
IP Rating	IP30	IP30	IP30
Certification	CE, EMC ClassA, ETL, RoHS*, CCC	CE, EMC ClassA, ETL, RoHS*, CCC	CE, EMC ClassA, ETL, RoHS*, CCC

*The specification will be different based on configuration.

TYPICAL APPLICATIONS

Casino Floor	Hotel Lobby	Arena/Stadium
Sportsbook	Sports Bar	Nightclubs
Retail Shopping	Security Command Center	Convention & Exhibit Space

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ASIA-PACIFIC HEADQUARTERS

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