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## UHD Series

Ultra Fine Pitch,  
Big Screen

For 16:9 and 4:3 Aspect Ratio  
Fully Front Access for Wall Mounting  
High Color Fidelity and High Contrast Ratio  
Cable-less Connection  
Slim and Lightweight

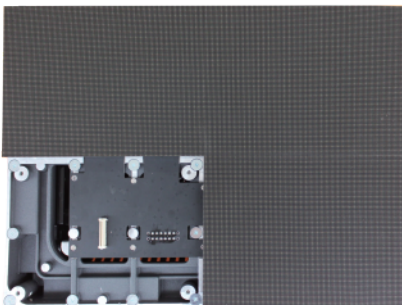


## 16:9 and 4:3 Format Options

- › Each cabinet is 600mmx337.5mm
- › 16:9 or 4:3 free options
- › Available for any video formats

## Fast Installation and Easy Maintenance

- › Slim and lightweight, easy to install
- › Cable-less between modules
- › Fully front access
- › Wall mounting available

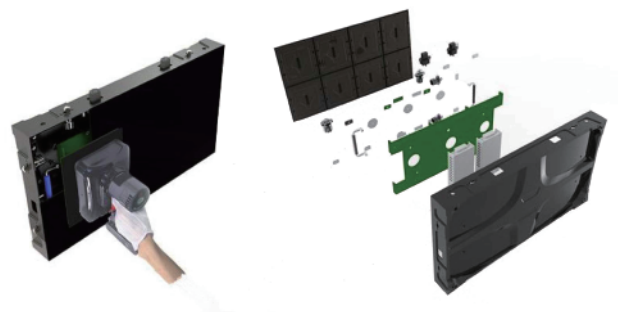


## Superior Electrical Features

- › NR20 noise free
- › Flat cable free between module and cabinet to avoid signal missing

## Unsurpassed Color Uniformity

- › Unique color calibration process
- › Tight bin selection for LED wavelength
- › Deep black levels, contrast ratio 4000:1



## UHD / Specifications

	UHD-0.937	UHD-1.2	UHD-1.5	UHD-1.8	UHD-2.3
Physical Pitch	0.937mm	1.25mm	1.56mm	1.87mm	2.34mm
Pixel Configuration	SMD 0606	SMD1010	SMD 1010	SMD 1010	SMD2121
Pixel Density	11,138,489pixels/m <sup>2</sup>	648,000 pixels/m <sup>2</sup>	410,881 pixels/m <sup>2</sup>	286,225 pixels/m <sup>2</sup>	182,329 pixels/m <sup>2</sup>
Module Dimensions (W × H) (mm)	150 × 168.75	150 × 168.75	150 × 168.75	150 × 168.75	150 × 168.75
Panel Dimensions (mm)	600 × 337.5	600 × 337.5	600 × 337.5	600 × 337.5	600 × 337.5
NO.of Modules Per Panel (W × H)	4 × 2	4 × 2	4 × 2	4 × 2	4 × 2
Physical Resolution of Module (W × H)	160 × 180	120 × 135	96 × 108	80 × 90	64 × 72
Physical Resolution of Panel (W × H)	640 × 360	480 × 270	384 × 216	320 × 180	256 × 144
Panel Material	Die-casting	Die-casting	Die-casting	Die-casting	Die-casting
Single Cabinet Weight	6 kg/panel	6 kg/panel	6 kg/panel	6 kg/panel	6 kg/panel
Gray Scale	16 bit	16 bit	16 bit	16 bit	16 bit
Colours	281 trillion	281 trillion	281 trillion	281 trillion	281 trillion
Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1
Average Power Consumption	≤ 300 W/m <sup>2</sup>	≤ 300 W/m <sup>2</sup>	≤ 300 W/m <sup>2</sup>	≤ 300 W/m <sup>2</sup>	≤ 300 W/m <sup>2</sup>
Max Power Consumption	≤ 600 W/m <sup>2</sup>	≤ 600 W/m <sup>2</sup>	≤ 600 W/m <sup>2</sup>	≤ 600 W/m <sup>2</sup>	≤ 600 W/m <sup>2</sup>
Brightness	600~800 nits	600~800 nits	600~800 nits	600~800 nits	600~800 nits
Refresh Rate	>2,880Hz	>2,880Hz	>2,880 Hz	>2,880Hz	>2,880 Hz
Horizontal Viewing Angle	160°	160°	160°	160°	160°
Vertical Viewing Angle	140°	140°	140°	140°	140°
Expected Lifetime	≥ 100,000 Hrs	≥ 100,000 Hrs	≥ 100,000 Hrs	≥ 100,000 Hrs	≥ 100,000 Hrs
Operating Temp/Humidity	-20°C - 50 °C / 10% - 90%	-20°C - 50 °C / 10% - 90%	-20°C - 50 °C / 10% - 90%	-20°C - 50 °C / 10% - 90%	-20°C - 50 °C / 10% - 90%
Storage Temp/Humidity	-40 °C - 60°C / 10% - 85%	-40 °C - 60°C / 10% - 85%	-40°C - 60°C / 10% - 85%	-40 °C - 60°C / 10% - 85%	-40 °C - 60°C / 10% - 85%
IP Rating (Front/Rear)	IP 40/ IP 21	IP 40/ IP 21	IP 40/ IP 21	IP 40/ IP 21	IP 40/ IP 21
Scan Method	1/60 Scan	1/45 1/27 Scan	1/27 Scan	1/30 Scan	1/24 Scan

## Typical Applications:

- Control Room
- Meeting Room
- Monitor Center
- Video Conferencing
- Airport
- House of Worship
- Opera House
- Restaurant
- Reception Hall
- Fashion Store
- TV Studio
- Shopping Mall