

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

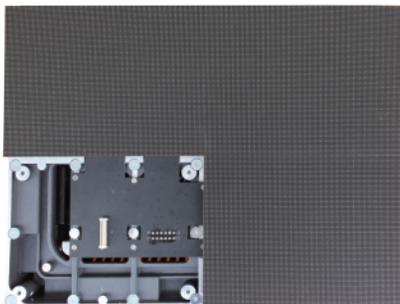
- › Each cabinet is 600mmx337.5mm
- › 16:9 or 4:3 free options
- › Available for any video formats

Unsurpassed Color Uniformity

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

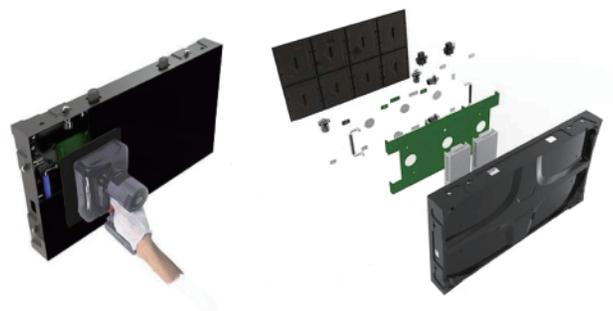
Fast Installation and Easy Maintenance

- › 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



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 ² | 648,000 pixels/m ² | 410,881 pixels/m ² | 286,225 pixels/m ² | 182,329 pixels/m ² |
| 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 ² | ≤ 300 W/m ² | ≤ 300 W/m ² | ≤ 300 W/m ² | ≤ 300 W/m ² |
| Max Power Consumption | ≤ 600 W/m ² | ≤ 600 W/m ² | ≤ 600 W/m ² | ≤ 600 W/m ² | ≤ 600 W/m ² |
| 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