**(LPD) 4K DLP Splicing display unit**

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**Feature：**

**No flickering, stable performance, comfortable viewing**

● No flickering, stable performance, comfortable viewing；
● 4K@120Hz 3D signal without flickering or shaking, healthy and comfortable;；
● The thickness of the entire unit is only 860mm and occupies a smaller area；
● Ultimate seam＜0.2mm，Picture uniformity exceeds 98%；

**The most comprehensive signal input and processing scheme**

● Support 2D/3D/4K signal access, master-slave desktop redundant backup, and board hot swapping；
● Rich signal interfaces such as DVI/VGA, CVBS/YPbPr, HDMI1.4, 3G-SDI, DP, etc；

**Energy saving, green environmental protection, and long service life**

● Environmental friendly and energy-saving laser light source with a working life of 80000 hours (economic mode)；
● CCC, CE, CB, RoHS standards, green, environmental friendly, and pollution-free；

**Realistic and Natural Colors**

● The laser light source projector complies with the Rec.709 international color gamut standard, allowing for realistic color reproduction and suitable for long-term viewing by the human eye；


● The chromatic uniformity reaches 98%, the image is uniform and consistent, and the color presentation is more colorful and realistic；

**Intelligent maintenance free technology for color and brightness**

● The entire wall image is permanently balanced and consistent, without human intervention；
● Intelligent self-diagnosis, automatic business instant recovery；

* **High efficiency and low power consumption**
* The luminous efficiency of the laser light source reaches 12Lm/W, and the entire machine reaches 10lm/W;;
* The power consumption of the laser light source with a brightness of 1000 lumens is only 100W；
* **The color of the entire wall is realistic**
* Accurate segmented RGB driving current adjustment technology ensures that the brightness and chromaticity of the entire wall are completely consistent under any grayscale in the white field。



**(LPD) 4K DLP Splicing large screen parameters**

|  |  |
| --- | --- |
| Parameters | Splicing unit |
| Display size | 60 inches, 70 inches, 80 inches |
| Built-in graphics processor | Zoom in and move the image horizontally and vertically |
| Gap | Physical splicing≤0.2mm，Flatness of whole screen splicing≤0.2mm |
| Color temperature | 3200K, 8000K, 91200K adjustable, RS232 mode adjustment |
| View angle | Horizontal greater than 178 degrees, vertical greater than 178 degrees |
| Screen gain | ≥2.4 |
| Screen type | Glass resin composite screen/resin curtain (optional) |
| Control | RS232，RS422，RS485，Infrared remote control |
| Power supply | 100-240VAC 50/60Hz，1＋1 Hot backup redundant power supply optional |

**(LPD) 4K DLP** **Splicing large screen projector core parameter**

|  |  |
| --- | --- |
| Parameter | 4K Laser projector |
| Display function | Resolution ratio | 3840x2160 |
| Brightness | 2500ANSI  |
| Contrast ratio | 2500:1 |
| Uniformity | ≥98% |
| Color grey scale level | 12bit/color |
| Color category | 16.7,24 bit True color |
| Projection size | 60”70”80” |
| Light source | Type | Laser light source |
| Service life | 60000hour、80000hour |
| Power | 240W，100-240VAC 50/60Hz |
| Signal | Input signal | Support AV, YPbPr, RGBHV, DVI , HDMI, VGA， DP |
| Output signal | DVI loop out |
| Working environment | Temperature | -15℃-45℃ |
| Humidity | 10%-90%，No condensation |
| Reliability | Can work continuously 24 hours x 7 days |
| Noise standards | ≤22dB |