



投影单元特点 DLP Project Unit Series

- VisionCube系列投影单元采用先进DLP技术
The VisionCube series project unit adopts advanced DLP technology.
- 采用最新0.7"/0.95"单片12°偏转的DMD, 明显改善红色纯度
Use 0.7"/0.95" single DMD chip with angle 12° deflexion, and improve red color purity sharply.
- 采用目前行业内第一的短焦镜头
Use the shortest focus lens in the display wall industry.
- 高对比度, 画面更清晰优质 (业内最高1500:1-1600:1)
High contrast ratio, the picture is clearer high-quality
- 数字色彩控制 (CSC) 完美实现屏幕之间的色彩一致性
Digital color controls (CSC) and realizes the color consistency between the screens perfectly.
- 分色轮旋转速度由2倍速提高到了3倍速, 明显改善色乱现象
The rotate rapidly improved from 2 pace to 3 pace, improve color confusion.
- 工作稳定可靠, 故障率低, 寿命长
Work stably, low failure rate and long use time.
- 可通过遥控器调整UHP灯泡的输出功率
Output power of the UHP lamp can be adjusted with remote control.
- 智能化灯泡自动调整功能
Intelligent lamp adjustment function.
- 12Bit灰度三维高频脉冲, 实现完美图像效果, 特别改善了暗区灰度的再现性
12Bit grey level three-dimension high-frequency pulse, realize perfect picture result, improve dark district person who reproduce of grey level especially.
- 独家亮度传感技术, 屏幕亮度更均匀
Exclusive luminance sensing technology, screen luminance.
- 充分利用各种降温方式, 改善色彩温度漂移的现象
Fully utilize the way of various kinds of drop in the temperature, improve the phenomenon that color temperature drifts about.
- 内置图像处理模块化, 能实现多屏组合又可独立显示
Built-in pattern process module, can realize that can show to make to reject more up independently.
- 独有的防尘箱体设计有效改善屏幕因灰尘附着引起的浮云现象
Particular technology of dustproof unit can improve the phenomenon of cloud drift.

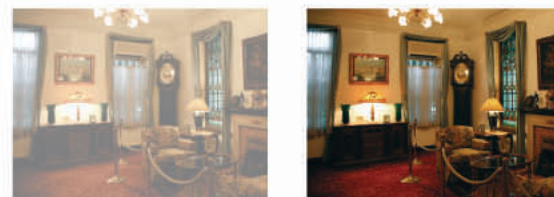
■ 数字CSC色域补偿电路技术 Color Space Control



在传统投影机中, 画面色彩调整采用白平衡调整, 结果导致只有白色一致。但是在VisionCube系列投影单元的色彩调整中, 由于采用独家原创的数字CSC(Color Space Control)电路, 有效抑制了各画面间三原色的离散, 使红绿蓝三基色达到了高度一致, 而不仅仅是白色的一致性。

Industry proven Digital Color Space Control circuit, or digital color balancing and blending circuit, compensates for color differences among adjacent DLP™ Display Cubes providing consistent color over the entire display wall.

■ 大幅度改进了对比度 High Contrast Ratio



1300:1

1500:1

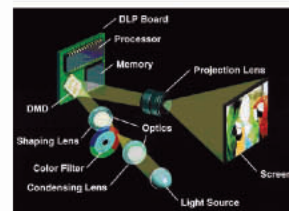
达到了1500:1, 多屏拼接系统的画面更为清晰鲜明。
1500:1 Contrast With high contrast Projector.

■ 智能化的自动识别调整功能 Intelligent auto detect and adjustment function

灯泡和机芯替换 (替换多屏拼接中1面的机芯) 后智能存储器使用数据写入功能自动读取周边灯泡和机芯的数据, 将刚替换的灯泡和机芯数据调整到原有同等亮度和色度。

After changing lamp or projector (change one in the wall), system can read data from other projector's memory which surrender it, and adjust lamp or projector's data to intrinsic brightness and colour automatically.

■ DLP技术 DLP technology



VisionCube XGA DLP, 运用以DLP, 采用最新0.7"单片12°偏转的DMD数字微镜双倍速DDR芯片。

DLP是英文Digital Light Processor的缩写, 译作数字光处理器。这一新投影技术的诞生, 是美国德州仪器公司在拥有、存储数字信息的能力之后, 终于实现了数字化信息的显示。

VisionCube XGA DLP, use DLP technology, Use 0.7" single DMD chip with angle 12° deflexion.

DLP is abbreviation of Digital Light Processor. This new project technology is realized by TI company which hold storing data information ability.

■ 12Bit灰度三维高频脉冲/伽玛校正电路独家技术 12Bit Dither & Gamma Circuit



将原来的10Bit高频脉动电路提高至12Bit更精细地表现色调, 提高色彩表现度, 特别改善了暗区灰度的再现性。使图像效果更加平滑细腻, 彻底消除数字化图像特有的阶梯过渡现象。特别改善了暗区灰度的再现性。

Original 12 bit Dither & Gamma Circuit enables the expression of truly natural gradation rendering both bright and dark areas for precise half-tone images. This circuit processes frame (time axis) direction and also ensures gradation for all images.

■ 产品规格 Product Specification

规格 Screen size	50/60/67	80
图像器件 Type	0.7" XGA DMD	0.95" SXGA+
物理分辨率 Physical resolution	1024×768	1400×1050
投影屏幕材质 Screen Material	复合玻璃幕 Compound glass screen	
输出亮度 Brighness	750ANSI	1300ANSI
屏幕增益 Screen Gain	3.7±0.2	
对比度 Contrast Ratio	1500:1	1600:1
光源 Lamp	UHP灯泡/双灯备份 UHP Bulb/Double Bulb	
光源寿命 Lamp Longevity	6000-8000小时 6000-8000hours	5000小时 5000hours
拼接间隙 Splicing gap	≤1mm	
输入输出信号 Interface(Input/Output)	1路模拟RGB信号和1路数字RGB信号 One Analog RGB and one digital RGB Signal (Input)	
控制信号 Control Signal	RS422A DB9针串接口, 1路RS232A Two RS422A DB9(control link), one RS232A DB9	
内置图像处理模块(选配件) Built-in image-processing module(optional) Interface(Input/Output)	2路DVI数字信号接口 (输入/输出, 用于环接) Two DVI digital signal Signal (input/output, Uses in loop) 1路复合视频端子和1路S-VIDEO视频端子 One Composite Video and one S-VIDEO Video Signal (Input) 1路模拟RGB信号接口 One simulate RGB Signal (Input)	
电压 Voltage	AC100~240V 50/60HZ	
功率 Power Consumption	195W	295W
平均无故障时间MTBF Mean Time Between failures	大于30000小时 Longer than 30000 hours	
安全和电磁兼容性 Safety and Electromagnetic compatibility	CCC, CE, CB	

■ 尺寸规格 Dimensions

	宽width(mm)	高height(mm)	厚depth(mm)
50"	1016	762	571
60"	1220	915	685
67"	1361	1021	753
80"	1626	1220	906

大屏幕底座高度可按不同现场要求进行定制
The base shelf of this product can be ordered according to the demand of user.