

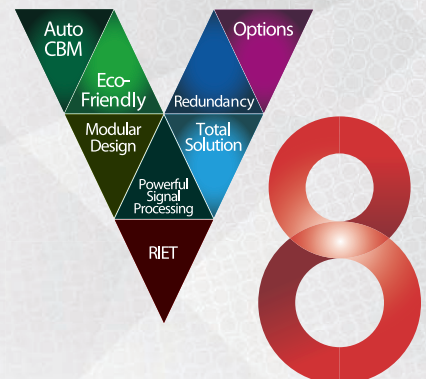
Visionpro® V Series LED DLP™

XGA / SXGA+ / 1080P

Preliminary Information

Series Features and Benefits

- **Design** – Stylish and Quality Design
- **Ultra High Brightness** – Up to 1,100 ANSI lumens (Bright mode – XGA: 850 / SXGA+: 1,100 / 1080P: 1,000 ANSI lumens)
- **Redundancy** – 6 x Redundancy of LED Light Source / 1+1 Redundant Power Supply / Redundant Desktop Input (Optional)
- **LED Lifetime** – Longevity with 80,000 Hours*
- **Environment Friendly** – Mercury Free Solid State LED, Lamp-Free, Colorwheel-Free
- **High Image Quality** – The 3rd LED Light Source Ensures High Color Brightness, High Contrast, and No Rainbow Effect
- **Cooling System** – Independent Air Duct Ensures Lower Noise Level and Avoid Screen Distortion
- **Unique Dark Field Enhancements** – Realization of the Clear Image, Ensure Any Details of the Image Clearly Visible
- **Hot Swappable Optional Signal Input Board**
- **Built-in Processor** – HDMI, RGB, DVI, Video, Redundant SDI (Option Board)
- **Easy Installation** – Ergonomic and Accurate Structure Design.



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Specifications Visionpro® V Series LED DLP™ Display Cube

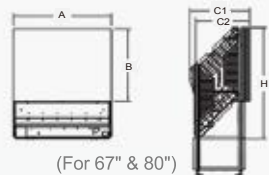
Specifications	XGA LED Series		SXGA+ LED Series		FULL HD (1080P) Series
Display Technology	DLP™ (0.7" DMD, 14° LVDS Darkchip)		DLP™ (0.95" DMD, 12° LVDS Darkchip)		
Native Resolution	XGA, 1024 x 768 pixels		SXGA+, 1400 × 1050 pixels		FULL HD (1080P), 1920×1080 pixels
Light Source	6 x redundancy for RGB		6 x redundancy for RGB		6 x redundancy for RGB
Lifetime of LED	80,000 hours*		80,000 hours*		80,000 hours*
Contrast of Projector	2,000:1		2,000:1		2,000:1
Brightness	850 ANSI lumens (Bright mode) 680 ANSI lumens (Typical mode)		1,100 ANSI lumens (Bright mode) 880 ANSI lumens (Typical mode)		1,000 ANSI lumens (Bright mode) 800 ANSI lumens (Typical mode)
Projection Characteristics	Up to 97% brightness uniformity		Up to 97% brightness uniformity		Up to 97% brightness uniformity
Gap	0.2mm – 0.5mm (22 °c ± 5 °c)		0.2mm – 0.5mm (22 °c ± 5 °c)		0.2mm – 0.5mm (22 °c ± 5 °c)
Dust Proof	IP5X		IP5X		IP5X
Signal Interface					
Main Control Board	Input				
Option 1: Single Desktop In	Processor	Analog RGB	640x480 – 1920x1200	HF: 31-75kHz	VF: 59-61Hz
		Digital RGB	640x480 – 1920x1200	Dot Clock: 25 – 165MHz	
Main Control Board	Main Input				
Option 2: Dual Desktop In	Processor	Analog RGB	640x480 – 1920x1200	HF: 31-75kHz	VF: 59-61Hz
		Digital RGB	640x480 – 1920x1200	Dot Clock: 25 – 165MHz	
2-Channel Optional Board	Redundant Input				
	Processor	Digital RGB	640x480 – 1920x1200	HF: 31-75kHz	VF: 59-61Hz
				Dot Clock: 25 – 165MHz	
	Input				
	Video	YCrCb / YPrPb	3BNC x 1	1080p, 1080i, 720p, 576p, 576i, 480p, 480i	
		S-Video	S-Video x 1	NTSC, PAL, SECAM	
		CVBS	BNC x 1	NTSC, PAL, SECAM	
	HDMI	TMDS	1080p, 1080i, 720p, 576p, 576i, 480p, 480i		
	RGB	DVI	DVI-D	HF: 31-100KHz VF: 23-121Hz	
		RGBHV	5BNC x 1	Dot Clock: 25 – 165MHz	
	Loop Output				
	Digital RGB	DVI-D x 1 (TMDS)			
4-Channel Optional Board	Input				
	Video	YCrCb / YPrPb	3BNC x 1	1080p, 1080i, 720p, 576p, 576i, 480p, 480i	
		S-Video	S-Video x 1	NTSC, PAL, SECAM	
		CVBS	BNC x 1	NTSC, PAL, SECAM	
		HDMI	TMDS	1080p, 1080i, 720p, 576p, 576i, 480p, 480i	
	RGB	DVI	DVI-D	HF: 31-100KHz VF: 23-121Hz	
		RGBHV	5BNC x 1	Dot Clock: 25 – 165MHz	
	Loop Output				
	Digital RGB	DVI-D x 2 (TMDS)			
SDI Optional Board	Input				
	Video	SDI (Main)	BNC x 1	SD-SDI, HD-SDI, 3G-SDI	
		SDI (Redundant)	BNC x 1		
		HDMI	TMDS	1080p, 1080i, 720p, 576p, 576i, 480p, 480i	
	Sync	Genlock Input	BNC x 1	CVBS, HD Tri-level, Analog Black Burst and V Sync	
		Genlock Output	BNC x 1	V Sync	
	Loop Output				
	Digital RGB	DVI-D x 2 (TMDS)			
Control Port					
RJ45	10 / 100M				
IR Remote	Optional				
Power Supply					
Redundant Power Supply	(1+1) Hot Redundant				
AC Voltage	100 – 240V				
Frequency	50 / 60Hz				
Power Consumption	290W (Bright mode), 200W (Typical mode), 140W (Eco mode)				
Working Conditions					
Temperature	0 – 35°C, Recommend Temp.: 23°C ± 5°C				
Relative Humidity	30 – 80%, Non-Condensing				

Remarks: The above specifications may be subjected to change without prior notice. The screen gap varies in different screen type and working conditions.
*The performance of LED lifetime varies in different actual working conditions.

Visionpro® V Series XGA LED DLP™ 67" Mechanical Parameters

Models		V-DX675
Screen Size (Diagonal)		67"
Dimensions (mm)	A	1370
	B	1027.5
	C1	838.5
	C2	756.5
	H	1580

* Non-standard inches would be supported according to customers' specification.

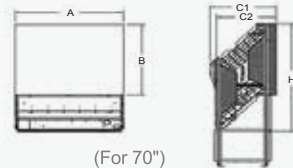


(For 67" & 80")

Visionpro® V Series SXGA+ LED DLP™ 67" & 80" Mechanical Parameters

Models		V-SX675	V-SX805
Screen Size (Diagonal)		67"	80"
Dimensions (mm)	A	1370	1620
	B	1027.5	1215
	C1	838.5	1018.5
	C2	756.5	904
	H	1580	1735

* Non-standard inches would be supported according to customers' specification.



(For 70")

Visionpro® V Series FULL HD (1080P) LED DLP™ 70" Mechanical Parameters

Models		V-PH705
Screen Size (Diagonal)		70"
Dimensions (mm)	A	1552
	B	872
	C1	832.5
	C2	765.5
	H	1318.9

* Non-standard inches would be supported according to customers' specification.

Screen Parameters

Screen Type	XPS	BB/NG
Screen Gain	1.9	1.0
Horizontal Viewing Angle	160°	160°
Vertical Viewing Angle	150°	160°

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