



VSI VISIONPRO® S SERIES

Super Bright LED lit Full HD DLP™ Video Wall

Visionpro® S Series super bright LED lit full HD DLP™ video wall features industry leading performance with brightness of up to 2400 ANSI lumen. Powered by the latest generation of LED light source, the video wall delivers exceptional high image quality and performance. The series is incorporating with the highest levels of reliability for demanding 24/7 control room operations.

BENEFIT OF REDUNDANT LED LIGHT SOURCE

With its industry's leading LED light source, Visionpro® S Series super bright LED lit full HD DLP™ video wall light engine displays up to 2400 ANSI lumen. The series is designed for an entirely maintenance free operation over years without replacing any consumable parts.

Durable with low operating costs. VTRON's LED driver adopts intelligent current protection technology which detects the failure of certain LED and maintains the same level of current passing through other LED light source automatically. Environmentally friendly. No mercury, sodium or other harmful substances. Long LED lifetime of 80,000 hours!



VSI VISIONPRO® S SERIES

HIGH RELIABILITY

Visionpro® S Series super bright LED lit full HD DLP™ video wall ensures higher reliability and is suitable of 24/7 operation. This series is with redundant LED light source. By equipping the display cube with 4 channel or 4K optional board. By equipping the display cube with 4 channel or 4K optional board, a redundant input will immediately take over to recover the image if the main input fails.

REMOTE ACCESS AND CONTROL

The Visionpro® S series super bright LED lit full HD DLP™ video wall is an Ethernet-enabled control system, it provides high flexibility to manage and control the video wall with VTRON's Video Wall Administration Software (ICVP) through the Ethernet. Also, the series comes with the choice of remote controller and user-friendly on-screen menu for easy operation.

SUPER BRIGHTNESS

Extra brightness of the display cube is designed for some environment with nature light especially in some contemporary interior design, or some venue where extra brightness is required because of the of Special content.

AUTOMATIC COLOUR AND BRIGHTNESS MANAGEMENT (AUTOCBM)

With Automatic Colour and Brightness Management (Auto CBM), any change of colour and brightness of the video wall cube can be detected with the built in colour sensors automatically in real time. Hence, the red, green and blue lights can be adjusted individually with its control balance system ensuring uniformity over the entire video wall for the long term.

VTRON'S ISV VIDEO PROCESSING TECHNOLOGY

Thanks to VTRON's Image Sharpness and Vivid (ISV) video processing technology on optional board optimizing the signal performance of composite /component videos, and S videos, the video wall offers texture rich and realistic video images with its exquisite sharpness and vivid colour.



Hall-Integrated CCTV Monitoring Room, Geoje, Korea
Application: security control and monitoring
Configuration: 4x9 60" Visionpro® S series

BUILT-IN PROCESSOR ON OPTIONAL BOARDS

VTRON's Visionpro® S Series super bright LED lit full HD DLP™ video wall offers 2 types of optional boards. Each optional board is provided with built in processor to support flexible and direct inputs. The series allows built in signal synchronization and unlimited loop through of signals from cube to cube without any additional signal distribution devices. Images can be displayed simultaneously and picture in picture (PIP).

EASY MAINTENANCE

VTRON's Visionpro® S Series super bright LED lit full HD DLP™ video wall is designed for easy maintenance by offering:

- Hot swappable power supply, fan and optional boards
- Ability of auto image recovery. The display cube can give you vivid video image instantly after replacing the optional boards
- 7-SEG LED indicator on the main control board, system status can be indicated clearly.

CUTTING-EDGE COOLING SYSTEM*

VTRON's Visionpro® S Series super bright LED lit full HD DLP™ video wall is available with VTRON's cutting edge cooling system which maintains the screen in good condition. The system not only prolongs the lifetime of the LED light source, but also avoids screen distortion, making the screen more robust. Featuring its independent air duct design, the cooling system significantly reduces the noise level. Also, the cooling system is dust proof which allows the VTRON's video wall to meet the most demanding environments.

*This feature is applicable for particular models.

PROPRIETARY GUCS SCREEN

VTRON's Visionpro® S Series super bright LED lit full HD DLP™ video wall comes with a standard screen Glass Ultra high Contrast Screen (GUCS). GUCS consists of an anti-glare protective layer making the screen less vulnerable, distortion free, high gain rate, high level of total flatness and is less reactive to the temperature variable. It is easily maintainable and free from glistening.

*Other screen option are available , please consultant your local representative.



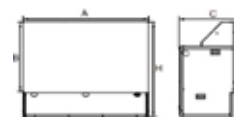
Phoenix Satellite Television Co. Ltd., Hong Kong
Application: broadcasting

TECHNICAL SPECIFICATIONS

Resolution		Full HD		
Operating parameters				
Display technology	DLP™ (0.95" DMD, 12° LVDS Darkchip)			
Native resolution	1920 x 1080			
Lifetime of LED1	80,000 hours			
Contrast of projector (typical)	Up to 2400:1			
Light source	3 x 6 LED			
Brightness (typical)	2300 - 2500 ANSI Lumens			
Projection characteristics	Up to 97% brightness uniformity			
Gap2	≤ 0.5mm			
Screen	Resin/ Glass compound			
Dust proof	IP5X			
Certifications	CCC, CE, CB, RoHS			
Signal interface³				
Main control board (standard)	Input	Analog RGB	640 x 480 - 1920 x 1200	"HF: 31K - 75KHz VF: 59 - 61Hz
	(for processor)	Digital RGB	640 x 480 - 1920 x 1200	Pixel clock: 25M - 165MHz"
4-channel optional board ⁴	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
	RGB	HDMI	HDMI x 1	1080p, 1080i, 720p, 576p, 576i, 480p, 480i
		DVI	DVI-D x 1	"HF: 31K - 100KHz VF: 23 - 121Hz
		RGBHV	5BNC x 1	Pixel clock: 25M - 165MHz"
Loop output		DisplayPort	DisplayPort x 2	
4-channel 4K optional board	Input			
	Video	SDI (main)	BNC x 1	SD-SDI, HD-SDI, 3G-SDI
		SDI (redundant)	BNC x 1	
		HDMI	HDMI x 1	Up to 4096 x 2160
		DisplayPort	DisplayPort x 1	Up to 4096 x 2160
	RGB	DVI-D (main)	DVI-D x 1	Up to 4096 x 2160
		DVI-D (redundant)	DVI-D x 1	
Loop output	DisplayPort		DisplayPort x 2	
Control and connection port				
RJ45	10 / 100M			
Remote controller	Optional			
Power supply				
Redundant power supply	1+1 hot redundant			
AC voltage	100 - 240V			
Frequency	50 / 60Hz			
Power consumption (typical)	290W (bright mode), 200W (normal mode), 140W (eco mode)			
Working conditions				
Temperature	0 - 35 °C, recommended temp.: 23 °C ± 5 °C			
Relative humidity	30 - 80%, non-condensing			
Physical Parameters				
Resolution	SXGA+	Full HD	Full HD	
Model	E-PH607	E-PH707	E-PH807	
Screen Size (diagonal)	60"	70"	80"	
Dimensions (mm)	A	1330	1552	1771
	B	748	872	996
	C	785	795	850
	H	988	1172	1366

Remarks: The above specifications are subjected to change without prior notice.

1. The performance of LED lifetime varies in different actual working conditions.
2. The screen gap varies in different screens and working conditions.
3. Optional board can support HDCP.
4. Redundant input function and built-in processor function can only be used alternatively.



Full HD 60 & 70"



Full HD 80"

Overseas Sales Operations(Hong Kong)
Tel:+852-2882-0120
f VSILTD.HK | in VSILTDHK
Email: info@vis-ltd.com

Hong Kong Experience Centre
Unit 1279, 12th Floor, KITEC,
1 Trademart Drive, Kowloon Bay,
Hong Kong

Technical Support Centre
Hong Kong
Email: technical@vsi-ltd.com

VSTRON