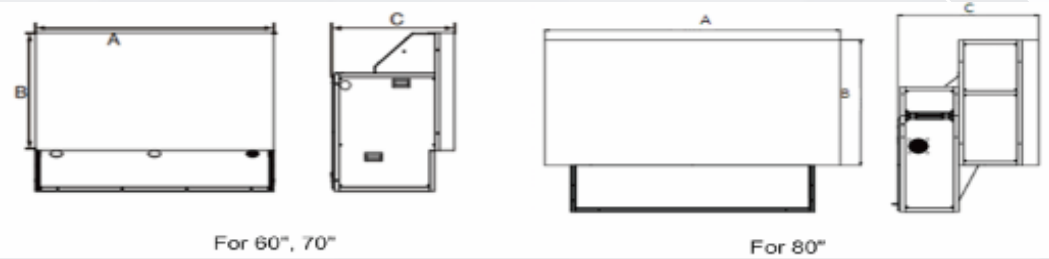


Technical Specification	
Resolution	Full HD
Operating parameters	
Display technology	Rear projection DLP
Native resolution	1920 x 1080
Lifetime of Laser ¹	100,000 hours
Contrast (typical)	2500:1
Light source	RGB Laser (Array redundancy)
Brightness ² (typical)	350-800cd/m ²
Color gamut	200%EBU
Projection characteristics (typical)	>98% brightness uniformity
Gap ³	0.2±0.5mm
Screen	Glass Ultra-high Contrast Screen / Resin Screen / CSI Screen
Dust proof	IP5X
Certifications	CCC, CE, CB, RoHS

Signal interface ⁴				
Main control board	Input (for processor)	Analog RGB	640 x 480 - 1920 x 1200	HF: 31K - 75KHz VF: 59 - 61Hz Pixel clock: 25M - 165MHz
		Digital RGB	640 x 480 - 1920 x 1200	
4-channel optional board ⁵	Input			
		Video	YCrCb / YPrPb	3BNC x 1
	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: 23Hz - 121Hz Pixel clock: 25MHz - 165MHz
		RGBHV	5BNC x 1	
Loop output				
		DisplayPort	DisplayPort x 2	
4-channel 4K optional board	Input			
		Video	SDI (main)	BNC x 1
	SDI (redundant)		BNC x 1	
	HDMI		HDMI x 1	Up to 4096 x 2160
	RGB	DisplayPort	DisplayPort x 1	Up to 4096 x 2160
		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
Power supply	
Redundant power supply	1+1 redundant power supply(optional)
AC voltage	100 - 240V
Frequency	50 / 60Hz
Power consumption (typical)	160 - 350W
Working conditions	
Temperature	0 - 35 °C, recommended temp.: 23 °C ± 5 °C
Relative humidity	30 - 80%, non-condensing

Physical Parameters		Full HD		
Resolution	Model	C-PH608	C-PH708	C-PH808
Screen size (diagonal)		60"	70"	80"
Dimensions (mm)	A	1330	1552	1771
	B	748	872	996
	C	750	795	845



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 depends on configurations and operations environment.
3. Optional board can support HDCP
4. Redundant input function and built-in processor function can only be used alternatively.



VISIONPRO®
RGB LASER-LIT

VISIONPRO® GENUINE PURE RGB DLP™ Video Wall Cube

VTRON Visionpro® Pure RGB Laser-lit Series DLP™ video wall is VTRON's brand new product, It is features with higher brightness outputs which is 50% more than the main stream LED-lit rear projector system. This series has advantages of wide colour gamut, high-reliability, high-brightness, long lifetime, and high energy efficiency ratio etc.



VTRON'S VISIONPRO®
LASER SERIES



Overseas sales operations
Hong Kong
Tel: +852-2613-9708 / +852-9331-0008
info@vtron-international.com

Technical support centre
Hong Kong
Hotline: +852-2613-9708
Email: technical@vtron.com



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

BENEFIT OF PURE RGB LASER-LIT

WIDER COLOUR GAMUT

This laser version of cube display increased color, "Redder" reds, "greener" greens, "bluer" blues and more. Both provide more of an impact on-screen in different ways. Up to 145% NTSC (200% EBU), nearer to natural gamut More colorful, Higher colour representation it increases the "bit depth," or how many steps of each color a display cube has available. As in, more shades between light pink to deep burgundy. With more shades of each color come more colors in total.



4x14 70" Full-HD RGB laser Cube, Finance institute in Korea

YOU CAN REFER TO CORRESPONDING DATA-SHEET FOR DIFFERENT PRODUCTS FOR DETAILS

HIGH-BRIGHTNESS

Its projector outputs has 50% higher brightness than mainstream LED-lit rear projection engine. The VisionPro RGB laser series take away all brightness issues of earlier DLP video walls. The high luminance allows operating under bright conditions, control rooms can finally light up or even with natural lights from outside

HIGHER RELIABILITY

This VisionPro Laser-lit DLP cube is designed with multiple array of the light sources in redundancy structure. Red and Green has 24X Redundancy while Blue with 16X Redundancy. This is with highest standard in the industry of the same kind. Unique colour and brightness uniformity management ensures image with more uniform on entire video wall for long term

BUILT-IN PROCESSOR ON OPTIONAL BOARDS

The VisionPro RGB Laser DLP Cube offers 2 types of optional signal input boards with 4K and IP inputs. Each optional board is with built-in processor to support flexible direct inputs. Moreover, the optional input boards support hot-swappable and can accommodate DVI/VGA, CVBS/YpbPr, HDMI, SDI, Dual Link DVI, DP and IP video input. 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). Moreover, the optional boards support hot swappable. more colors in total

ENERGY SAVING, ENVIRONMENTAL FRIENDLY

It consumes 25% less in power consumption than mainstream LED-lit product. This is energy and cost saving

SOPHISTICATED ALL-ROUND DIMENSIONS OPTICAL ARCHITECTURE

This enhances the accuracy of the image position /tuning and whole image uniformity

VISIONPRO® LASER SERIES

Accelerating video wall performance from design to the "moment of truth"

Integrated with VTRON's processors and software, VTRON's Visionpro® Pure RGB series DLP video wall cubes become a comprehensive video wall solution offering the beauty of our 8 key features V8. V8 gives added assurance to our customers that VTRON's video wall solutions accelerate their information sharing, decision-making and offer optimal performance of the control rooms.



Facilitating the Network Collaboration: With Optional **VLinkExpress** and **AppMaster** software, which helps to display the business applications over IP network, user can share the information on the desktop or the console operators over the network easily.



Control at your finger tip, VTRON's **VIS software** provides the customer with a portable and visualized control with the hand-held device or any touch screen device. User friendly interface allows users to manage the display easily and instantly.



Dashboard content management using VTRON's **SuperMedia** platform, helps you to organize all the content from different signal source and format, and present them in a decent and precise way. In addition, SuperMedia allows to bind your database to graphic charts helping you visualize your data in real time.



Digicom® Ark3000



Digicom® HC3000



Digicom® AP5000



Digicom® AP2000

Various VTRON's hardware encoders available, allows users to deploy larger scale of the whole display systems easily and flexibly. (You can refer to corresponding data-sheet for different products for details)