



REFERENCE COLOR MONITOR SERIES

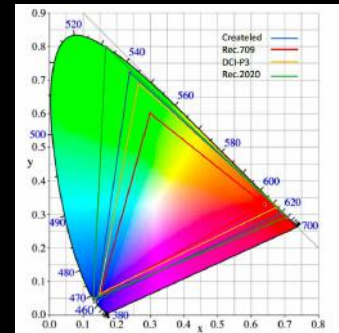
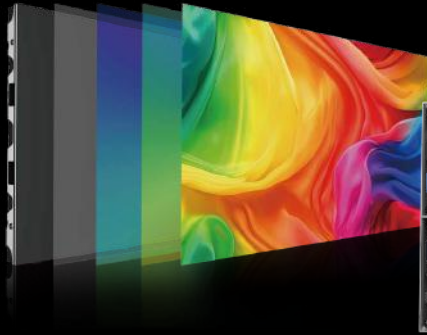
2025



FEATURES THAT STAND OUT

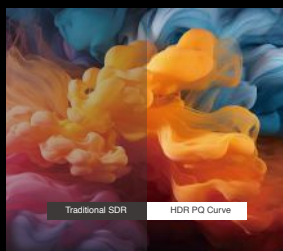
100% DCI-P3 Color Gamut Coverage

Accurately reproducing cinematic-level colors to deliver the ultimate visual experience in every frame, it provides a visually stunning feast for professional post-production with precise colors and rich details. It ensures color accuracy and visual impact, bringing every moment to life.

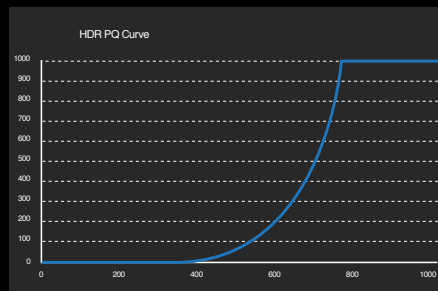


HDR PQ Curve

The brightness range supported by the HDR PQ curve can reach 0 to 1,000 nits, which significantly enhances the contrast and shadow detail performance of the image. Compared with traditional SDR (Standard Dynamic Range), the HDR PQ curve can better reproduce the true brightness and color gradation of a scene, especially excelling in the representation of highlights and shadows.

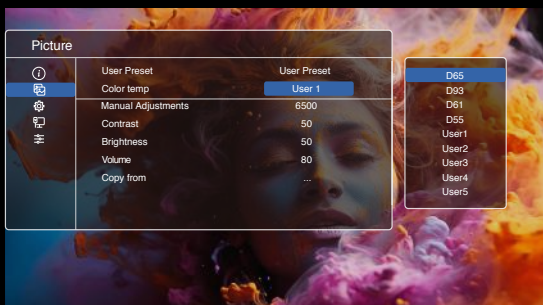


The above images simulate the comparison of effect between traditional SDR and HDR PQ curves.



Professional Color Grading Control Panel

Crafted with precision for professionals, it provides precise color tuning tools with real-time grading previews and preset modes for fast, efficient creative work.



Dynamic Contrast Enhancement

AI engine examines and analyze each frame, then based on the image content, adjusting the dynamic range to increase contrast for more vivid and 3D-like images.



FEATURES THAT STAND OUT

Low Blue-Light Emission

Experience hardware-based blue-light reduction, which maintains color vibrancy and accuracy while protecting your eyes.



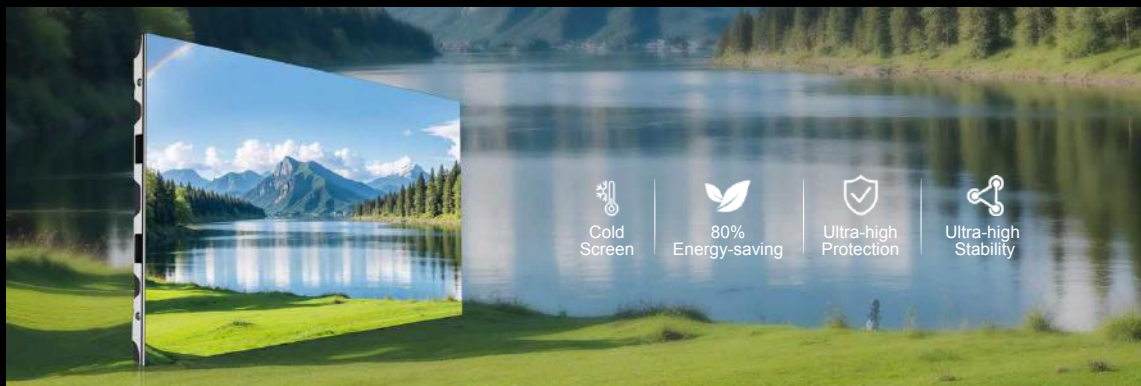
Noise Reduction Algorithm

Adopt noise reduction algorithm, removing unwanted noise and MPEG blocks, adding the pleasing quality in the images.



Cold Screen

Cold Screen offers efficient cooling with low power consumption, wide heat dissipation, and reliable power redundancy.



7 Display Modes

Customize your viewing experience with 7 distinct display modes, from Standard to Living Room, Cinema, Photo, and Low Fatigue, plus 4 customizable presets for your unique preferences.



FEATURES THAT STAND OUT

True Black

Achieve the ultimate in black, where true black equates to complete screen-off, ensuring the deepest, most authentic darkness for a vivid contrast.



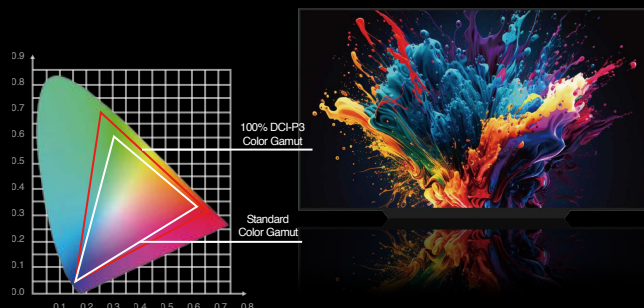
AI Image Intensification Algorithm

Unique FPGA image enhancement chip, using AI generative algorithm, to increase edge sharpness and image details, resulting in clear and sharp images.



Accurate Color Reproduction

The display's color performance is evaluated before and after calibration, focusing on color space, grayscale, and RGB balance. Tests are run across brightness levels (0–100%) to ensure consistent red, green, and blue ratios. Saturation accuracy is checked using various tones like white, gray, skin, sky blue, and green. A lower Delta E value means better color accuracy.



The color gamut coverage is 100%, enabling accurate color reproduction and delivering a more realistic and vivid color performance.



DCI-P3
Color Gamut



High
Brightness



Low Reflection
Screen Design



Ultra-wide
Viewing Angle



UHD
Resolution



Ultra-high
Contrast

SPECIFICATIONS 4K

BRAND		VBD-HT			
Display Specification	SIZE	136"	145"	163"	217"
	Color Gamut	DCI-P3 ≥ 100%	DCI-P3 ≥ 100%	DCI-P3 ≥ 100%	DCI-P3 ≥ 100%
	Resolution	UHD 4K	UHD 4K	UHD 4K	UHD 4K
	Display Scale	16:9	16:9	16:9	16:9
	Brightness	1000nit	1000nit	1000nit	1000nit
Core Specification	CPU Framework	4cores A73+A53	4cores A73+A53	4cores A73+A53	4cores A73+A53
	System	Android	Android	Android	Android
	Randon Access Memory	4G	4G	4G	4G
	Storage Memory	32G	32G	32G	32G
Port Specification _(pcs)	HDMI2.0 Port	4	4	4	4
	USB3.0 port	1	1	1	1
	USB2.0 Port	2	2	2	2
	Network connection mode	Wire, Wireless	Wire, Wireless	Wire, Wireless	Wire, Wireless
	Wi-Fi Channel	2.4G&5G	2.4G&5G	2.4G&5G	2.4G&5G
	SPDIF Audio interface	1	1	1	1
	AUDIO Audio Interface	1	1	1	1
Electrical/ Environmental	Standby power	0.5W	0.5W	0.5W	0.5W
	Black Screen Power Consumption	67W	65W	62W	56W
	Power Supply	1418W	1324W	1676W	2333W
	Operating Voltage	100-240V	100-240V	100-240V	100-240V
	Operating Temp/Humidity	-10 -40°C/10%-90%	-10 -40°C/10%-90%	-10 -40°C/10%-90%	-10 -40°C/10%-90%
Mechanical	Display Proportion	118.11 x 66.44in	125.98 x 70.87in	141.73 x 79.72in	188.98 x 106.30in
	Base Frame Materials	Metal	Metal	Metal	Metal
	Whole Screen Weight	147kg/ 324.1lbs	218kg/ 460.6lbs	209kg/ 460.8lbs	356kg/ 784.8lbs
	Servicing	Front	Front	Front	Front
Certification	Certification	CE, EMC ClassA, ETL, FCC,RoHS,CCC	CE, EMC ClassA, ETL, FCC,RoHS,CCC	CE, EMC ClassA, ETL, FCC,RoHS,CCC	CE, EMC ClassA, ETL, FCC,RoHS,CCC

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SPECIFICATIONS 2K

BRAND	VBD-HT		
Display Specification	SIZE	136"	163"
	Color Gamut	DCI-P3 ≥100%	DCI-P3 ≥100%
	Resolution	2K	2K
	Display Scale	16:9	16:9
	Brightness	1000nit	1000nit
Port Specification _(pcs)	HDMI2.0 Port	4	4
	USB3.0 port	1	1
	USB2.0 Port	2	2
	Network connection mode	Wire, Wireless	Wire, Wireless
	Wi-Fi Channel	2.4G&5G	2.4G&5G
	SPDIF Audio interface	1	1
	AUDIO Audio Interface	1	1
Electrical/ Environmental	Standby power	0.5W	0.5W
	Black Screen Power Consumption	134W	130W
	Power Supply	1280W	1680W
	Operating Voltage	100-240V	100-240V
	Operating Temp/Humidity	-10 -40°C/10%-80%	-10 -40°C/10%-80%
Mechanical	Display Dimensions(mm)	3000 x 1687.5mm/ 118.11 x 66.44in	3600 x 2025mm/ 141.73 x 79.72in
	Base Frame Materials	Metal	Metal
	Whole Screen Weight	143kg/ 315.3lbs	208kg/ 458.6lbs
	Servicing	Front	Front
Certification	Certification	CE, EMC ClassA, ETL, FCC,RoHS,CCC	CE, EMC ClassA, ETL, FCC,RoHS,CCC

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SPECIFICATIONS HYPERION

BRAND	VBD-HT				
Physical Parameter	Size	136"	145"	163"	217"
	Physical Pitch	0.78mm	0.83mm	0.93mm	1.25mm
	Diode Type	Flip-chip RGB LED	Flip-chip RGB LED	Flip-chip RGB LED	Flip-chip RGB LED
	Configuration	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels	3840 x 2160 pixels
	Dimensions (mm)	3000 x 1687.5	3200 x 1800	3600 x 2025	4800x2700
	Panel Dimensions (mm)	600 x 337.5 x 38.5	400 x 450 x 49	600 x 337.5 x 38.5	600 x 337.5 x 38.5
	No. of Per Panel (W x H)	5 x 5	8 x 4	6 x 6	8 x 8
	No. of Modules (WxH)	20 x 10	16 x 12	24 x 12	32 x 16
	Weight (per screen)	127.5kg/screen	198.4kg/screen	183.6kg/screen	326.4kg/screen
Optical Parameter	Brightness (Peak/ Max)	1000 nit (Full screen Max)	1000 nit (Full screen Max)	1000 nit (Full screen Max)	1000 nit (Full screen Max)
	Contrast Ratio	30,000 : 1	30,000 : 1	30,000 : 1	30,000 : 1
	HDR Compatibility	LED HDR10 support	LED HDR10 support	LED HDR10 support	LED HDR10 support
	Horizontal Viewing Angle	170°	170°	170°	170°
	Vertical Viewing Angle	170°	170°	170°	170°
Electrical Parameter	Processing	15 bit/18 bit	15 bit/18 bit	15 bit/18 bit	15 bit/18 bit
	Video Rate	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
	Input Power Range	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz	100-240 VAC, 50/60 Hz
	Average Power Consumption	468W	437W	533W	770W
	Max Power Consumption	1418W (1000nits)	1324W (1000nits)	1676W (1000nits)	2333W (1000nits)
Operation Conditions	Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
	Operating Temp/Humidity	-10-40°C / 10%-80%	-10-40°C / 10%-80%	-10-40°C / 10%-80%	-10-40°C / 10%-80%
	Storage Temp/Humidity	-20-50°C / 10%-90%	-20-50°C / 10%-90%	-20-50°C / 10%-90%	-20-50°C / 10%-90%
	IP Rating	IP30	IP30	IP30	IP30
	Expected LED Lifetime (Max)	150,000 Hrs	150,000 Hrs	150,000 Hrs	150,000 Hrs
Features	Servicing	Front	Front	Front	Front
	Operating System	CHROMALED	CHROMALED	CHROMALED	CHROMALED
	Sensor	Light Sensor	Light Sensor	Light Sensor	Light Sensor
	Other	LED HDR,HDR 10, DCI-P3+, Image Enhancement, Dynamic Contrast Enhancement, Low Color Error, MotionPlus	LED HDR,HDR 10, DCI-P3+, Image Enhancement, Dynamic Contrast Enhancement, Low Color Error, MotionPlus	LED HDR,HDR 10, DCI-P3+, Image Enhancement, Dynamic Contrast Enhancement, Low Color Error, MotionPlus	LED HDR,HDR 10, DCI-P3+, Image Enhancement, Dynamic Contrast Enhancement, Low Color Error, MotionPlus
	Controller	Built-out	Built-out	Built-out	Built-out
Connectivity Sounds	Input (Video)	HDMI 2.0 (4), USB 2.0 (2), SDI (4)	HDMI 2.0 (4), USB 2.0 (2), SDI (4)	HDMI 2.0 (4), USB 2.0 (2), SDI (4)	HDMI 2.0 (4), USB 2.0 (2), SDI (4)
	Output	SPDIF	SPDIF	SPDIF	SPDIF
	WIFI/BT	YES/YES	YES/YES	YES/YES	YES/YES
	External Control	USB-B, RJ45	USB-B, RJ45	USB-B, RJ45	USB-B, RJ45
	Remote Control	IR & Blue tooth Remote Controller	IR & Blue tooth Remote Controller	IR & Blue tooth Remote Controller	IR & Blue tooth Remote Controller