

One Shot, Multi-camera Shot Image Output

Frame multiplexing function supported. the LED screen insert different background materials, can output multiple camera positions with different backgrounds at the same time, or can insert pure green background, to facilitate post-production and adjustment, so as to greatly improve the efficiency of shooting, reduce the cost of shooting.



Scenario Preset, Flexible Transfer

According to different scene display requirements, set and save display parameters such as brightness, color temperature, and Gamma in advance. It supports a maximum of 50 scene presets. During formal shooting, it can be switched flexibly with one click.



Preset 1: Morning



Preset 2: twilight



Preset 3: Night

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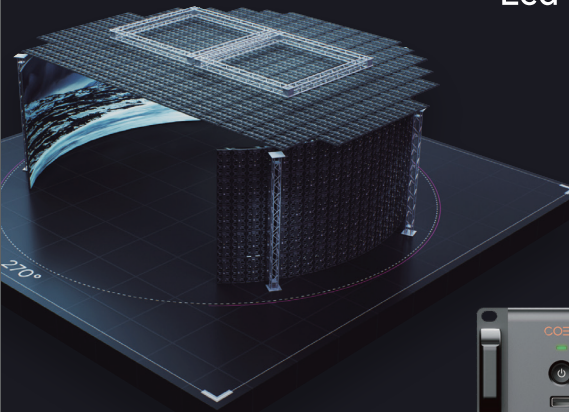


LED CONTROL SOLUTION FOR VIRTUAL PRODUCTION



VMP+MX40 Pro+A10s Pro

Led Control Solution For Virtual Production



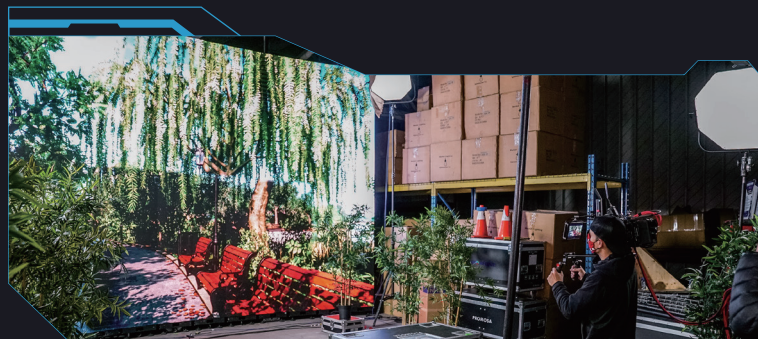
LED control solution for virtual production, aiming at the special functional design of virtual shooting and the unique image quality improvement technology, can effectively solve the problems of shooting scanning line, color irregularity and detail loss, to make sure of clearer image display, more accurate color and immaculate image shooting, to create a shooting scene that closer to the real light and shadow. What you see is what you get.



Typical Virtual Production Applications



xR STAGE



LED VOLUME

Solution Advantages

No Black Lines, No Tearing

By adjusting the output phase offset value through the control system, the frame change pace of the LED screen and the camera can be perfectly matched, so as to effectively solve the problem of black lines and image tearing when the camera is shooting the LED screen.



Phase Offset Angle
Angle 000.000000°



Phase Offset Angle
Angle 87.340000°

No Scan Lines, No Shooting Defects

MX40 Pro can synchronize the shutter speed of the camera through the shutter fit, so that the LED screen can automatically adjust the exposure time and frequency of the camera, combined with the phase offset, effectively solve the problem of scan line during the shooting.



Frame Rate Adaptive, Switch Freely

The solution automatically adapts video input with different frame frequencies ranging from 23Hz to 240Hz, and supports custom frame frequencies with up to 0.01Hz step.



Accurate Brightness And Color, Present A True Image

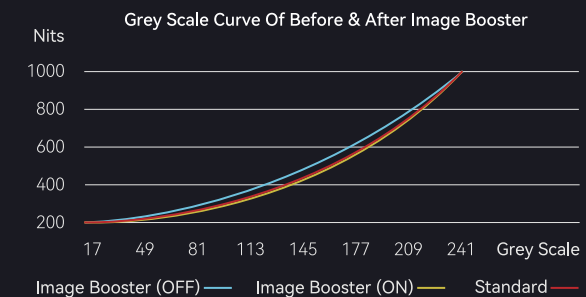
Equipped with NovaStar's next generation of image booster and full gray calibration, it comprehensively improves the brightness and color performance of the LED screen display. The average relative brightness deviation rate is less than 0.75%, the original-color-level color accuracy, $\Delta E < 2$, and the depth restores the original brightness of the image, without the need for post-visual effect processing. What you see is what you get.



Traditional Display



Image Booster+Full Gray Scale Calibration



Standard Test Color	Cie31(Lxy)			Image Booster (OFF)				Image Booster (ON)			
	L	x	y	L	x	y	DeltaE	L	x	y	DeltaE
#745244	185.2	0.4218	0.3594	200.97	0.4067	0.3211	10.676	183.42	0.42	0.3609	0.7339
#D9792F	601.38	0.5586	0.3959	682.83	0.57	0.3683	15.502	600.06	0.5564	0.3975	1.0622
#2E3E95	116.62	0.1812	0.129	142.31	0.1518	0.1126	13.396	115.93	0.1797	0.1289	0.5929
#F6F3ED	1969.6	0.3192	0.3355	2074.9	0.2842	0.2878	25.853	1928.7	0.3174	0.3354	0.9364

Minimal Interaction, Man-Screen Connection

With the all-new VMP display control software platform, a combination of design, debugging, monitoring and management, brings extremely control experience of convenient and efficient.

