




HOLODECK
LED™
POWERED BY QST





The Premium Virtual Production Canvas

HOLODECK LED™

HOLODECK

VISUAL & MECHANICAL PRECISION

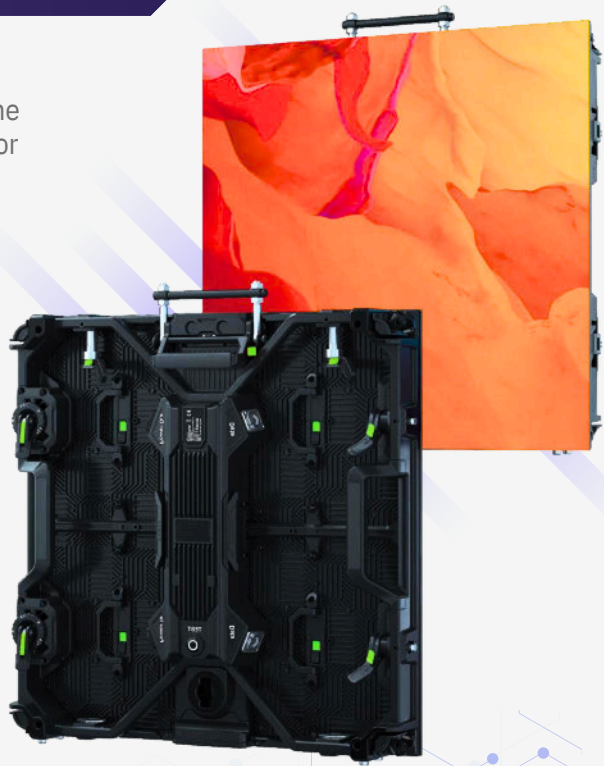


-  Premium VP Grade Performance
-  Uncompromising Color Fidelity
-  Engineered for Mission-Critical Reliability
-  A Core Component of the HOLODECK Ecosystem



The New Benchmark for On-Set Reality

Engineered for the pinnacle of modern production—in-camera VFX—the **HOLODECK** delivers an uncompromising visual foundation. Its superior performance sets a new benchmark, providing the world's most demanding creators with a canvas that seamlessly merges the digital and physical realms.



This is the technology that powers the final pixel, directly on set. This is the definitive tool for creators who refuse to compromise.

A Pixel-Perfect Canvas



Seamless Visuals

A truly immersive experience allows for no distractions. The **HOLODECK's** metallic module construction and exacting tolerances guarantee a visually perfect, seamless canvas, eliminating aberrations so your content is the only thing the audience sees.



Cinematic Color Fidelity

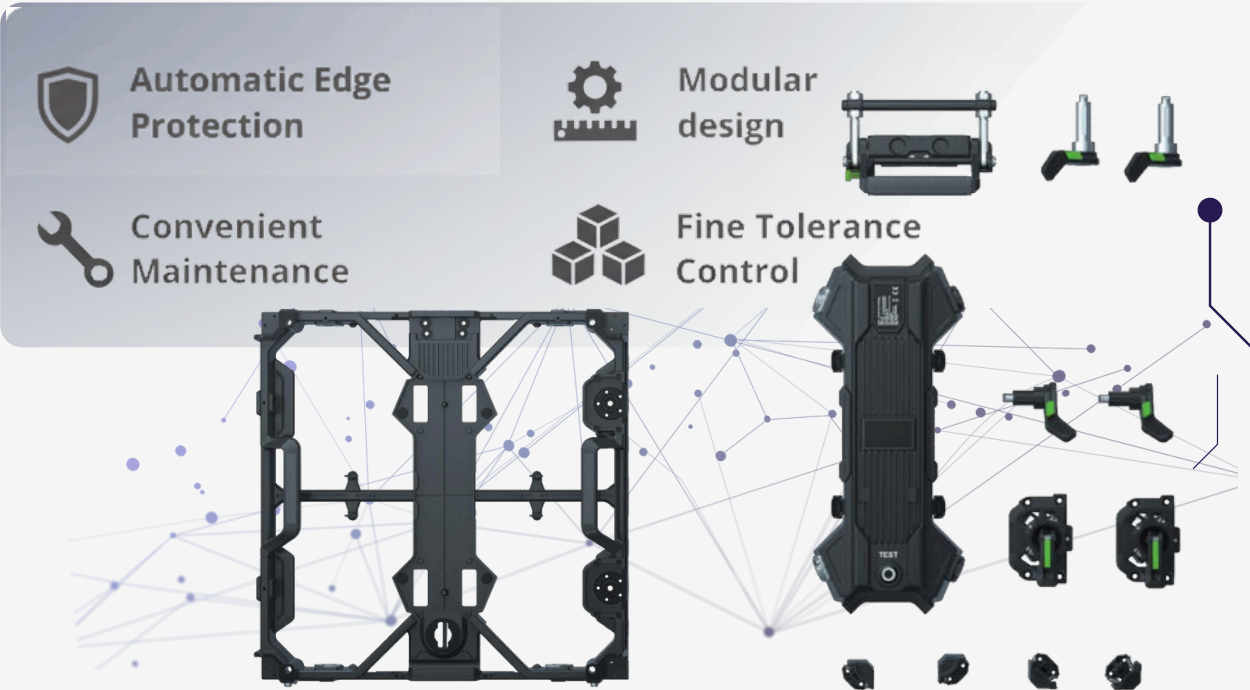
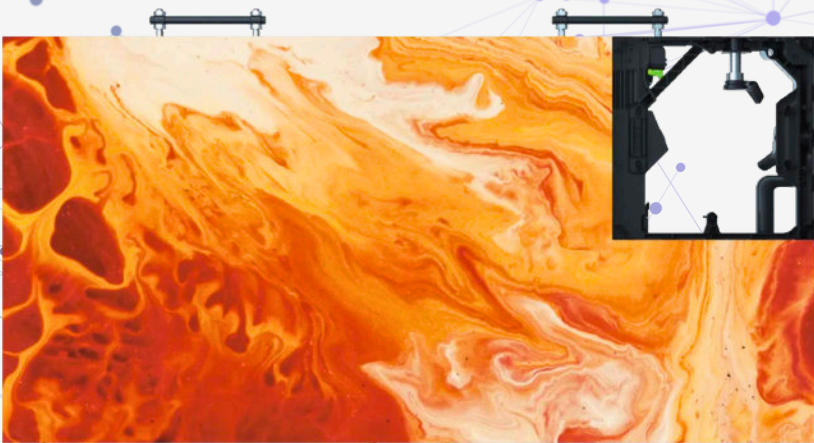
Designed for the discerning eye of the cinematographer, our high-refresh-rate driving ICs deliver exceptional grayscale and color fidelity, rendering skin tones and environments with a depth and accuracy that elevate every project.





A Foundation of Excellence for Every Platform

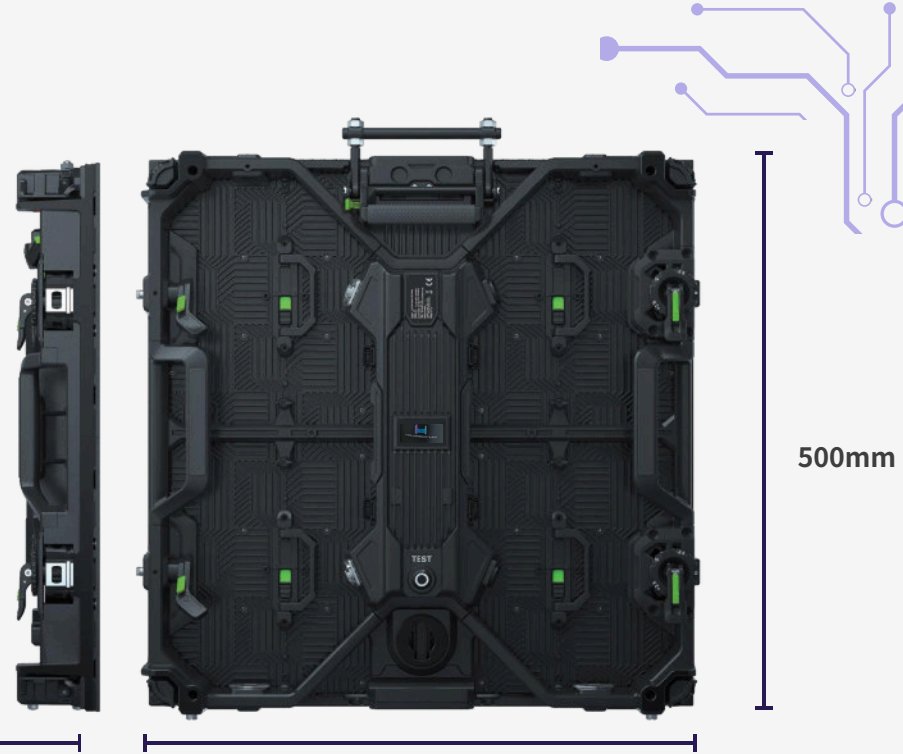
The same premium technology trusted on cinematic sets delivers a superior experience in every high-impact environment. We provide access to the best for every client.



Engineered for the Speed of Production

Weighing only 7.5 kg and featuring automatic corner protection, the **HOLODECK** is built for the demanding cycle of setup and strike.

The entire system—modules, power, and frame—is independently serviceable to ensure zero downtime on a high-stakes set.



Automatic Edge Protection



Define Your Space with Precision Curves

Create environments that captivate. Our unique, reliable locking system enables a variety of precise concave and convex curves. From architectural installations to immersive stage designs, **HOLODECK** provides the creative freedom to bring any concept to life.

Creative Agility, Uncompromised

Your crew's efficiency is critical. With integrated positioning magnets and a dual-locking system, **HOLODECK** panels can be installed and disassembled with unmatched speed and convenience, allowing your team to focus on the creative, not the construction.



THE HEART OF THE VIRTUAL STUDIO



The Proven Canvas for In-Camera VFX

HOLODECK is the trusted choice for creating the seamless, photorealistic worlds that define modern filmmaking. Its exceptional performance makes it the heart of the virtual studio.



Immersive Environments (ICVFX)

From distant planets to historical landscapes, render complex, real-time worlds with perfect color accuracy. **HOLODECK** empowers you to capture final-pixel shots directly on set, dramatically reducing post-production time.

Trusted By The Best

HOLODECK technology is the driving force behind cutting-edge virtual production facilities, including dedicated studios in Dallas, Tampa, and internationally, empowering creators to push the boundaries of filmmaking.

Automotive Process & Reflections

Generate perfect, real-world reflections and dynamic lighting for vehicle process shots.

The high refresh rate and brightness create authentic driving scenes in a completely controlled studio environment, rendering everything from subtle highlights to dramatic cityscapes flawlessly on the car's surface.



An Ecosystem of Innovation



SUPERIORITY IN EVERY ENVIRONMENT

The same VP-Grade precision trusted on cinematic sets delivers a distinctly superior visual experience in every high-impact environment. When failure is not an option, **HOLODECK** is the essential upgrade.

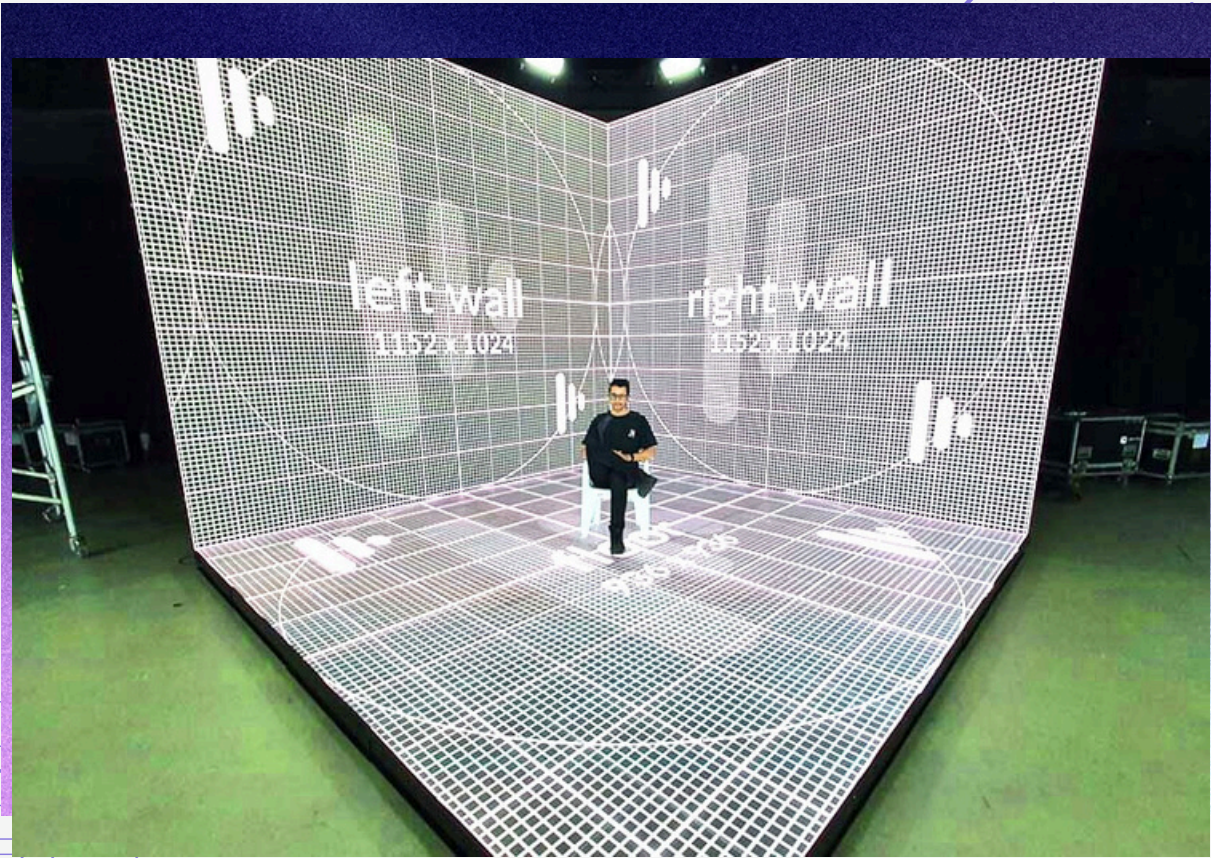
Flagship Broadcast Sets

Meet the zero-tolerance demands of live television (e.g., CBS, major networks). Our moiré-free performance and exceptional grayscale stability ensure a crystal-clear, stunning image, every time, for every camera.



The Blueprint for Excellence

The **HOLODECK** panel is the foundation of our complete virtual production ecosystem. From walls to ceilings (HoloSky™) and floors (HoloFloor™), we provide the fully integrated, world-class tools to build the immersive worlds of tomorrow.



Performance Comparison: Standard vs. Cinematic VP

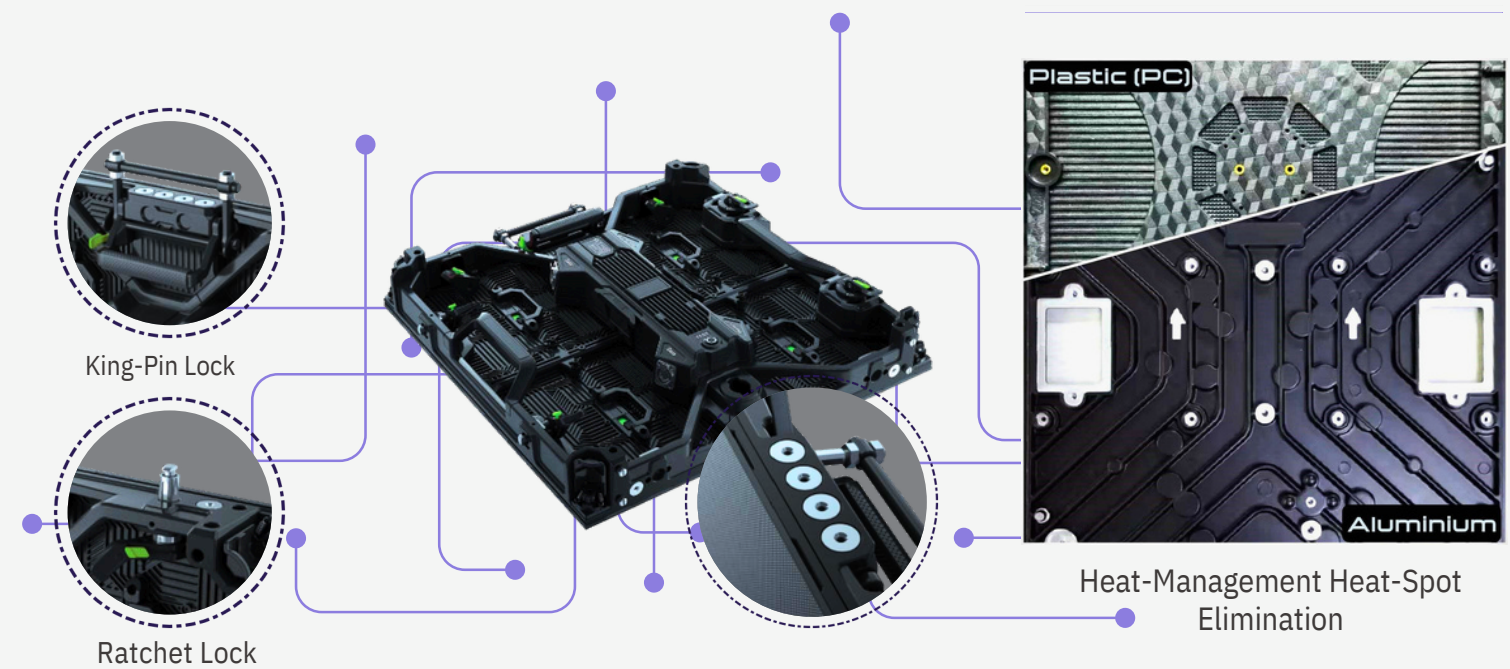
	Mux Scan Ratio	Refresh Rate
Standard VP	1:16	7680 Hz
Cinematic VP	1:8	15360 Hz

HOLODECK Series



Specifications

	HOLODECK 1.5i	HOLODECK 1.9i	HOLODECK 2.3i	HOLODECK 2.6i
Visuals				
LED Technology	MIP/4-in-1	MIP/4-in-1	SMD	SMD
Module Resolution (pixels)		160 x 160		
Module Dimension (mm)		250 x 250		
Max Brightness (NITS)	1500 NITS	1800 NITS	2000 NITS	2000 NITS
Refresh Rate (Hz)		>15360 Hz		
Grayscale (Bit)		>16		
Viewing Angle (H/V)		170° / 170°		
Contrast Ratio		32768:1 (15 stops)		
Frame Rate (FPS)		60-251		
		DCI-P3 99.7%		
		REC 2020 >90%		
Color Space Compliance				
Mechanical				
Cabinet Dimensions (WxHxD mm)		500x500x88mm		
Cabinet Weight (kg/lbs)		<16.5 LBS / 7.5 KG		
Cabinet Material		Magnesium Alloy		
Service Access		Front & Rear Serviceable Modules		
Installation Methods		Hanging, Ground Stacking		
Creative Configuration		Curvable (0, -2, -3, -4, -5 degrees or 0, ±2.5, ±5 degrees)		
Electrical & Connectivity				
Power Consumption (Max/Avg W/panel)		600 W / 200 W		
Data Input		Wi-Fi, RJ45 (Ethernet), USB (4G Optional)		
Certification				
Compliance		ETL, MET, CE, FCC, RoHS		
Packaging				
Packaging Type		Road-Ready Flight Case (Standard)		



QUESTIONS?



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HOLOSKY™ RGBW



TRUEALIGHT®

Brompton TrueLight Technology Supported

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