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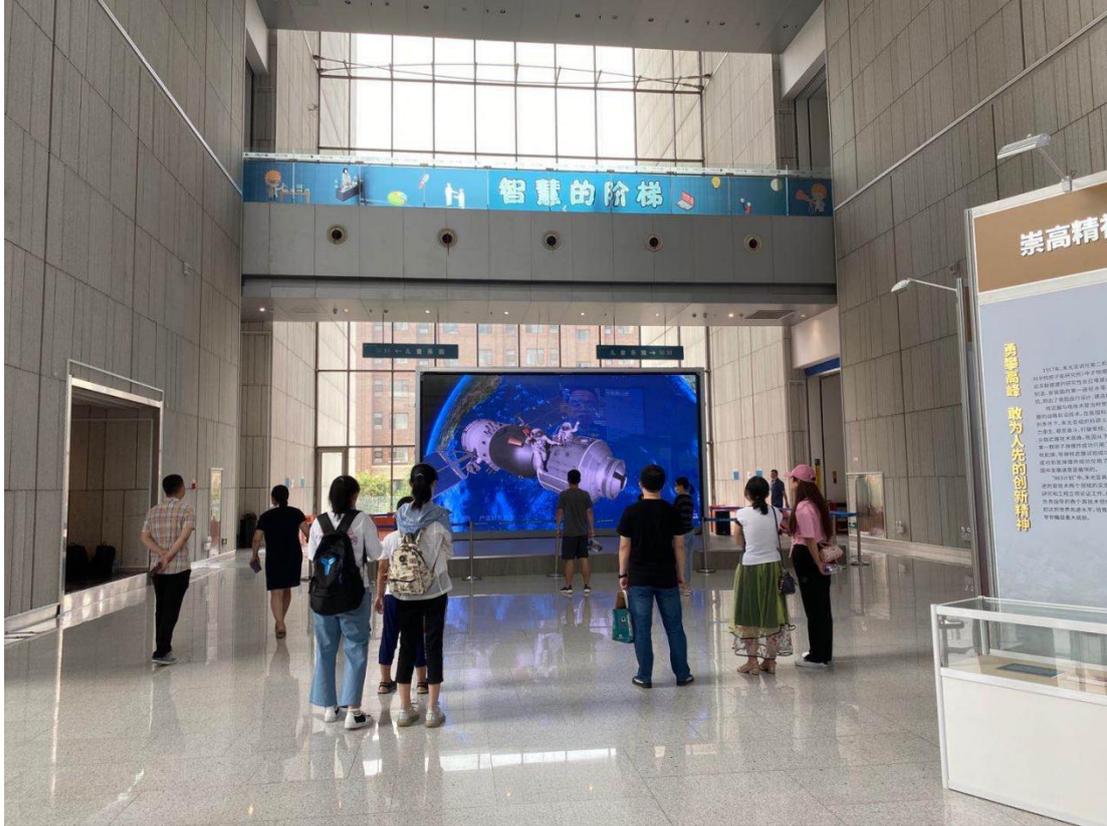
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Specifications

Glasses-Free 3D LED Videowall

V1.1

1. Product Description



This series of product adopts lenticular grating technology and EV803 stereoscopic video processor with independent intellectual property rights, which can realize the conversion and processing of dual-viewpoint video signals to super-multi-viewpoint (up to 32) video signals in real time and supports general three-dimensional video formats and video interfaces. It can achieve high-quality glasses-free 3D display without any additional software and equipment. This series of products uses several industry-leading video processing technologies to achieve glasses-free 3D display effect with strong stereo, high definition, high brightness, and bright colors.

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2. Product Specifications

Model	IQH3DLEDA001
LED Parameters	
Pixel structure	SMD 3-in-1 LED
Pixel pitch	1.5625mm
Module resolution (W*H)	192 * 108 mm
Module size (W*H)	300(W)*168.75(H)*10(D)
Module weight (KG)	0.5
Unit module composition 2*2	2*2
Unit resolution (W*H)	384*216
Unit size (mm)	600(W)*337.5(H)*95(D)
Unit area (m ²)	0.2025
Pixel density (pixel/m ²)	409600
Flatness of box body (mm)	≤0.1
Contrast ratio	5000:1
Number of stitching	Support customization
Glasses Free 3D Parameters	
Best viewing distance	3D>6m (depends on the screen size), 2D (unlimited)
Maximum 3D depth	≥1.5m (depends on the screen size)
Viewing angle	160° (horizontal), 140° (vertical)
3D technology	Lenticular-lens
Viewpoints	Multi-viewpoint
3D video format	Support side-by-side, multi-view (9-tile)
2D video format	Support common 2D video formats
3D Conversion	Real-time conversion from 2D to 3D
Controller (box) Parameters	
Video Input	HDMI 2.0 x1, HDMI 1.4 x 1
Audio Output	3.5mm
Connectivity	RJ45 x 1, WiFi
USB	USB 2.0 x 1, USB 3.0 x 1
Video decoder	Up to 4K@60Hz
Software Parameters	

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Player	<ol style="list-style-type: none"> 1. Support MP4, MKV, AVI, MPEG and other common video playback 2. 3D format smart detection 3. Support playlist loop playback and sequential playback 4. Support auto-start playback after boot
Accessory Parameters	
Signal cable	HDMI2.0 cable
Wireless mouse, keyboard	1 set
Remote control	1 pc
Speaker	1 pair、5w
Electrical Parameters	
Input voltage	AC100V - 240V(50Hz-60Hz)
Maximum power of splicing unit	140W/unit; 700W/m ²
Average power of splicing unit	48W/unit; 240W/m ²
Maximum power of PC server	≤70W
Standby power of PC server	≤3W
Maximum power of controller (BOX)	≤7W
Working temperature	-10℃~40℃
Working humidity	10%~80%, No condensation
Storage temperature	-20℃~60℃
Storage humidity	10%~80%, No condensation
Functions and Features	
1. Brings in multi-viewpoint glasses-free 3D display technology with own intellectual property.	
2. High-precision depth calculation technology and large-scale dense viewpoint rendering technology, support general 3D content formats such as side-by-side, 9-tile.	
3. Support 2D, 3D, 9 tile, 2D to 3D and other multi-format video playback; Support HDMI1.4a and above 2D to 3D automatic recognition and playback; 2D, 3D side-by-side, 3D 9-tile, 2D to 3D Multi-format video files are automatically recognized and played via USB.	
4. Support UHD decode, up to 4K@60Hz。	
5. Fully compatible with 2D content.	

Note: Specifications may change without notifications.

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