

5G High Performance Version | COB

IRIS Max Series



Vivid and Clear Details

144Hz

High Frame Rate

7680Hz

High Refresh Rate

1000000:1

High Contrast Ratio

DCI-P3

Color Gamut

5Gb/s

High Speed Transmission

12Bit

Color Depth

Supporting 12-bit video sources, the Iris Max renders a staggering 68.7 billion colors. Rich in detail, with smooth gradients, it delivers a truly immersive and awe-inspiring visual experience.

*Requires a control system that supports this function.



Lightning Speed Minimal Latency No Stuttering Smoother More Stable



5Gb/s

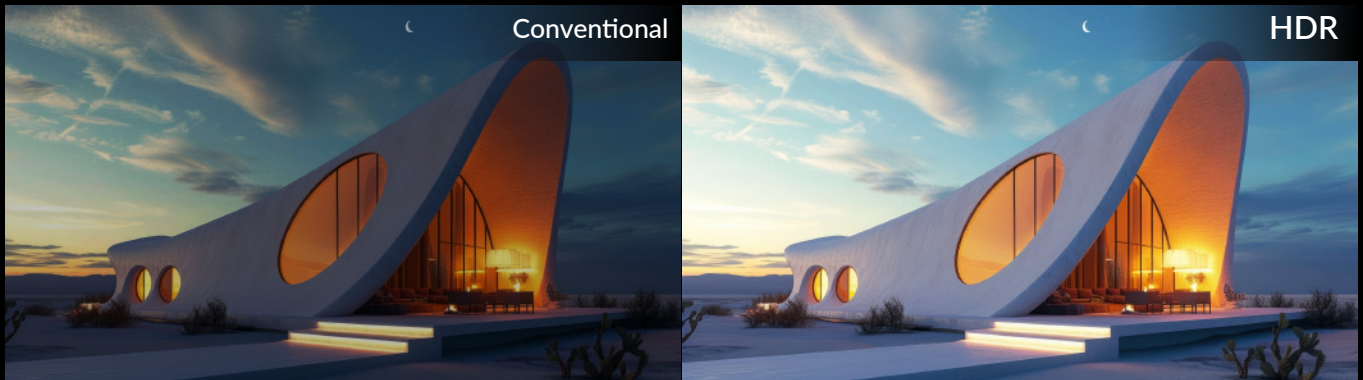
High Speed Transmission

A single network cable enables ultra-high transmission rates for a streamlined, sleek cabling setup.

HDR 10

High Dynamic Range Display

Paired with an HDR control system, the Iris Max can achieve HDR10, HLG and other HDR standards, presenting images with an exceptional dynamic range, high contrast, and a wide color gamut.



144Hz

High Frame Rate

Supports up to 120Hz/144Hz high frame rate display for smoother motion, reducing ghosting and trailing issues, delivering fine, fluid, and crisp visual performance.

Gray Scale Extension

Gray scale extension increases the effective output bit depth, resulting in smoother and more natural gradients, while revealing finer details in darker areas.



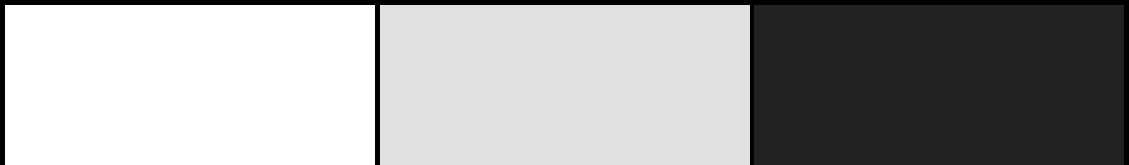
Multi-Level Calibration

Multi-level calibration technology eliminates mottling and color blocking issues at different gray levels, ensuring uniform and consistent display across all gray scales.

Regular Calibration



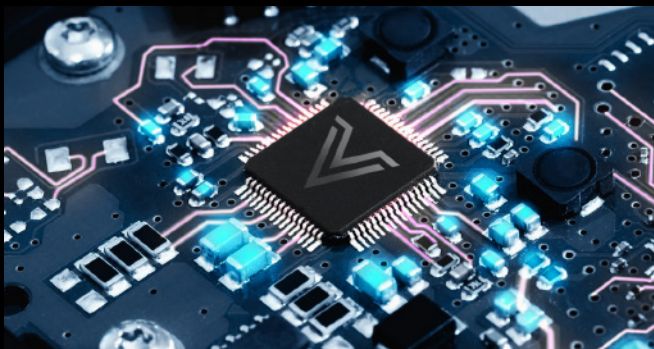
Multi-Level Calibration



High Gray Level

Mid Gray Level

Low Gray Level



Supports Receiver Card Backup & Power Backup

Automatically switches to a backup receiver card or power supply if the primary ones fail, ensuring uninterrupted display without blackouts.

SPECIFICATIONS

Model	C63-09VF(5G)	C63-12VF(5G)
Pixel Pitch(mm)	P0.9375	P1.25
Resolution	640*360	480*270
Panel Technology	Full flip-chip COB	Full flip-chip COB
Unit Size (W × H × Dmm)	600 x 337.5 x 31	600 x 337.5 x 31
Surface Treatment	Matte black finish	Matte black finish
Brightness(nits)	1000	1000
Contrast Ratio	≤1000000:1	≤1000000:1
Colour Temperature(K)	3000 ~ 9300(adjustable)	3000 ~ 9300(adjustable)
Frame Rate(Hz)	60 ~ 144	60 ~ 144
Refresh Rate(Hz)	3840	3840 ~ 7680
Working Voltage	AC:100V ~ 240V,50/60Hz	AC:100V ~ 240V,50/60Hz
Power Consumption Max(W/m ²)	300	300
Power Consumption AVG (W/m ²)	100	100
Viewing Angle(H./V.)	170°/170°	170°/170°
Lifetime(Hours)	100000	100000
Operating Temp(°C)	-10 ~ +50	-10 ~ +50
Humidity Range(%RH)	10 ~ 80	10 ~ 80
Unit Weight(kg)	4.5	4.5