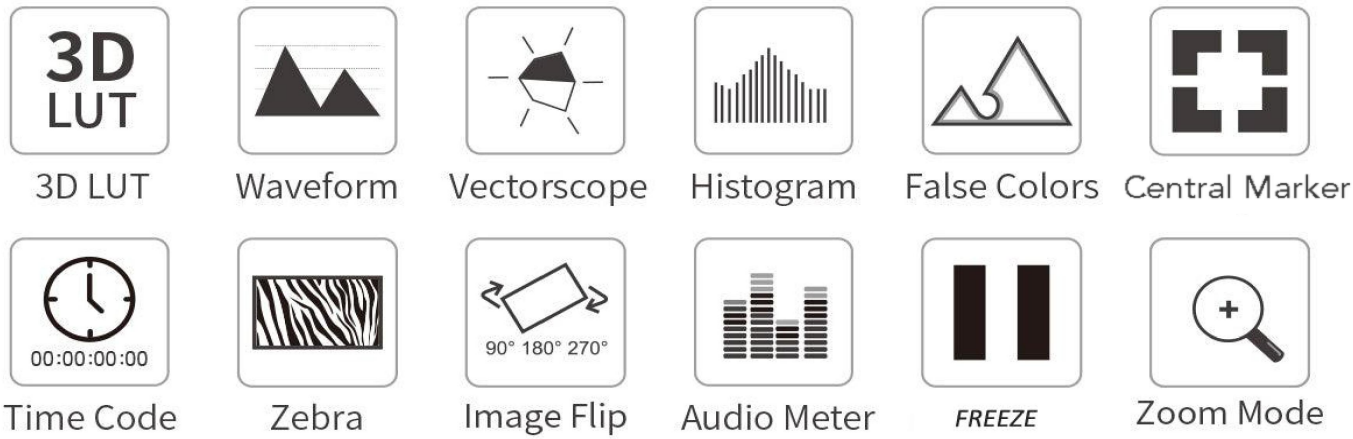


4K HDR Monitor

aura UHD studio 24

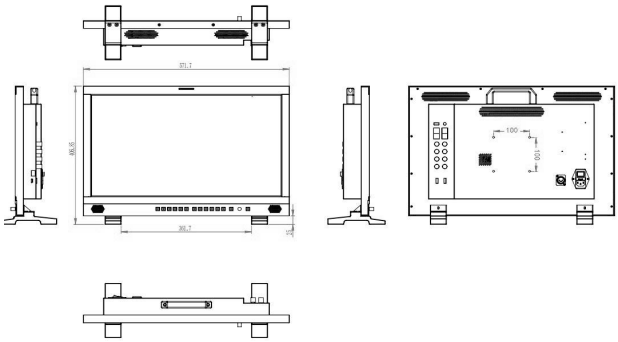
Next generation of RGBlink aura UHD monitors brings with it a new model, aura UHD studio, featuring capabilities to connect directly with applications such as Adobe PremierPro™ and DiVinci Resolve™ via Thunderbolt™ port.
aura UHD studio 24 is broadcast-grade 4K HDR monitor, equipped with UHD (3840×2160) screen, supports quad link 12G SDI signal up to 8K input backward compatible with 4K@60Hz, supports high-precision 3D LUT with tetrahedral interpolation algorithm, supports HDR formats such as SMPTE ST2084(PQ), hybrid log-gamma HLG, various Gamma curves, camera Log and other professional functions which are widely used in film, television and advertisement industry.



Key Features

- Preview video editing app such as Davinci output through Thounderbolt
- Compared with the 1st generation, four 12G SDI signals can be monitored in quad-view at the same time. Window C is no longer limited to HDMI In 2 and USB-C
- Each window is allowed to select independent color mode under multiview
- Support HDR waveform
- ARRI and Red added to false color
- Under quad-view mode, each window has corresponding audio pillar
- Optimize energy saving, ESD, EMI circuit
- DC 24V XLR
- Support to install V mount battery plate
- Automatically recognize HDR transfer type
- Automatically adjust luminance to correctly display HDR content
- Display high frame rate resolution up to 720p@100/120Hz, 1080p@100/120Hz

Dimensions



Specification

Connectors	Input	12G-SDI	4 × BNC
		HDMI	2 × HDMI-A *(*HDMI In 2: HDCP supported, HDMI In 1: HDCP not supported)*
		SFP	12G Fiber (Single Mode)
		Type-C/Thunderbolt3	1 × USB-C *(*Only for previewing Davinci app output, does not support desktop duplication or extension.)*
	Output (Loop)	12G-SDI	4 × BNC
Performance	Panel	Size	23.8 inch
		Brightness	1000 cd/m2
		Type	LCD Panel
		Resolution	3840 × 2160
		Pixel Pitch	0.1369 (H) × 0.1369 (V) mm
		Aspect Ratio	16:9
		Backlight	LED
		Contrast Ratio	1000:1
		Color Depth	10bits(1.07B)
		Image Processing	12bits
		Response	9ms
		Viewing Angle	178°/178°
	Video Signal Format	SDI 1/2/3/4	1280×720p@50/59.94/60 | 1920×1080i@50/59.94/60 | 1920×1080p@23.98/24/25/29.97/30/50/59.94/60 2048×1080p@23. 98/24/25/29.97/30/ 47.95/48/50/59.94/60 | 3840×2160p@23.98/24/25/29.97/30/50/59.94/60 4096×2160p@23.98/24/25/29.97/30/50/59.94/60
		HDMI 1/2	1280×720p@50/59.94/60/100/120 | 1600×720p@50/60 | 1680×720p@50/60/100 | 1920×1080i@50/59.94/60 | 1920×1080p@23.98/24/25/29.97/30/50/59.94/60 2560×1080p@23.98/24/25/50 3840×2160p@23.98/24/25/29.97/30/50/59.94/60 | 4096×2160p@23.98/24/25/29.97/30/50/59.94/60
		HDMI 2	1680×720p@120|1920×1080p@100/120 | 2048×1080p@50/60 | 1920×1200p@30/50/60 1920×1440p@30/50/60 | 2560×1080p@29.97/30/59.94/60 | 2560×1440p@30/50/60 | 2560×1600p@50/60 | 2560×2048p@50
	Audio	Audio De-embedding	Support
		Audio Meter	16 channels (Up to 8 channels can be displayed simultaneously.)
		Built-in Speaker	1×8 ohm/0.5W
		Headphone	Stereo mini Jack×1
	General	Control/Update	1×RJ45
		GPI	GPI1-5, 1×RJ-45
		Serial Port	RS-422, 2×RJ-45 (1 IN | 1 OUT)
	Supported Standard	HDMI IN1	HDCP 1.X HDCP 2.2
		SDI	SMPTE-425M-A/B SMPTE-274M SMPTE-296M SMPTE ST 2036-1:2009 SMPTE ST 2048-2:2011 SMPTE ST 2081 SMPTE ST 2082
Power	Input Voltage	AC100~240V 50/60Hz	
	Power Consumption (Max)	90W	
Environment	Operating Temperature	-10℃ ~ 55℃ (14°F to 155°F)	
	Operating Humidity	30% ~ 85%, RH	
	Storage Humidity	-20 ~ 60℃	
Physical	Net Weight	8.6kg	
	Packaged Weight	12kg	
	Net Dimension	571.7mm × 160mm × 414.85mm	
	Packaged Dimension	800mm × 250mm × 555mm	

**note: avoid using input source with resolution of 1080i50 in window C&D under quad view*

Order Codes

Product Code	Item
410-2380-01-1	aura UHD studio 24
490-2000-01-0	V mount battery plate kit for aura UHD studio 24

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