

31.5-inch 4K OLED Monitor



DM-3430

NEW



A 31.5-inch 4K resolution OLED monitor that supports 4K input (12G-SDI×1 or 3G-SDI×4)
DM-3430 is suitable for video production such as in OB vans and editing rooms.

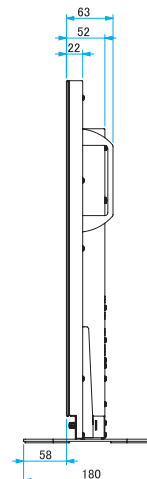
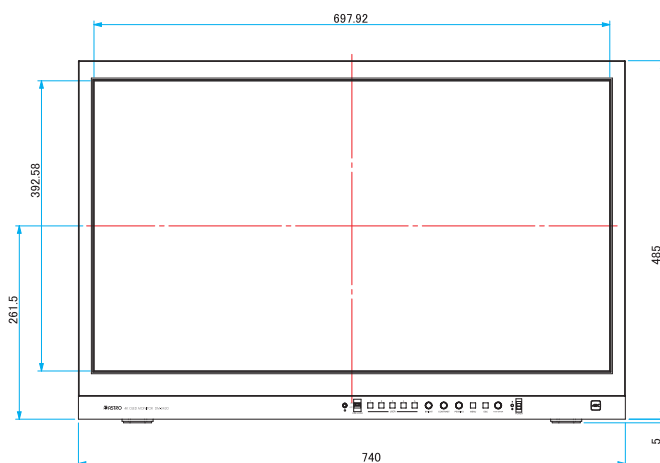
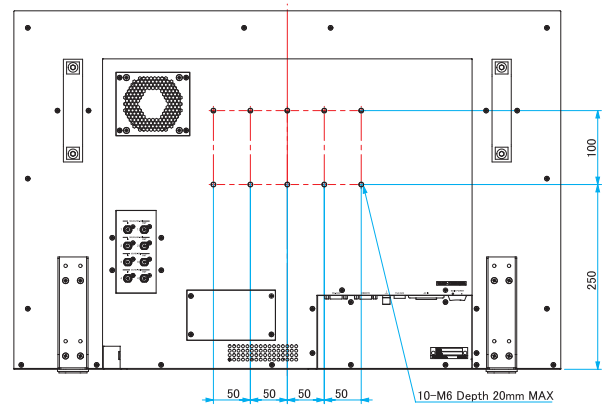
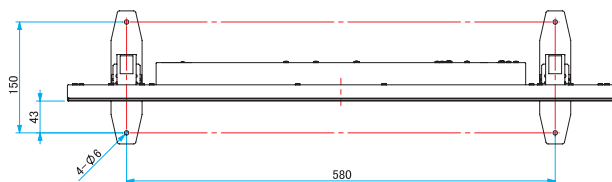
Features

- Achieve high contrast by adoption of RGB OLED panel.
- Equipped with anti-burn function
- Square Division, 2-sample interleave division are supported for video divide method. *1
- Supports both resolution inputs 3840 × 2160 and 4096 × 2160.
- Supports active loop through input signal.
- Supports HDR [Hybrid Log-Gamma (HLG: Rec. ITU-R BT.2100), Perceptual Quantizer (PQ: SMPTE ST2084)]
- Enabled switching for system gamma of HLG.
- Supports Rec. ITU-R BT.2020, Rec. ITU-R BT.709
- Enabled enlargement of display × 2, × 4.
- Manufacturer display
- Image adjust function (Contrast, Brightness, Peaking).
- Built in test pattern display.
- Focus assist function.
- Thin body that utilizes OLED panel (Depth: 52mm excluding the stand).
- Enable to install the mount of VESA standard.

*1 The resolution of OLED itself is 3840 × 2160.

It only displays the central area of 3840 × 2160, when input signal is 4096 × 2160.

Dimensions



(unit: mm)

Specifications

SDI Input Output Specifications						
Supported Format	BNC	Resolution	Frame Rate	Colorimetry	SDI Format	Reference Standard
4K	1	3840 × 2160 or 4096 × 2160	50p/59.94p/60p	YCbCr 4:2:2 10bit	12G-SDI Type 1	SMPTE ST 2082-1/10
	4	3840 × 2160 or 4096 × 2160	50p/59.94p/60p	YCbCr 4:2:2 10bit	3G-SDI Level A Square Division	SMPTE ST 424-1/425-5
					3G-SDI Level B Square Division	
					3G-SDI Level A 2-sample interleave division	
					3G-SDI Level B 2-sample interleave division	
HD	1	1920 × 1080 or 2048 × 1080	50p/59.94p/60p	YCbCr 4:2:2 10bit	3G-SDI	SMPTE ST 424-1
	1	1920 × 1080 or 2048 × 1080	50i/59.94i/60i	YCbCr 4:2:2 10bit	HD-SDI	SMPTE ST 292M

OLED Panel Specifications	
Type	OLED
Display Mode	Normally Black
Contrast Aspect	1,000,000:1 (typ)
Viewing Angle	89 degrees up, down, left, or right.
Brightness [cd/m ²]	500 (peak), 0.0005 (black)
Monitor Size	31.5-inch
Resolution	3840(H) × 2160(X) Pixels

General Specifications	
Power Requirements	150W
Power Consumption	AC 100-240V (50/60Hz)
Operating Temperature Range	+5 to 35°C
Operating Humidity Range	20 to 80%RH (No Condensation)
Dimensions	740(W) × 485(H) × 52(D) mm (Excluding Protrusions)
Weight	12kg