



Broadcast LCD Monitor

Model including (TL-B1730HD、TL-B2000HD、TL-B2150HD)



FC CE RoHS
Certification



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Newly launched B series broadcasting monitors, not only have built-in 3D LUT (color look-up table), but also use A+ IPS panel with wider color gamut range to ensure true color representation of REC709 standard colors. It will generate a data table (PDF files) after calibration of each monitor, which users can reference by downloading the product technical file.

As a technical monitor, the dynamic range of brightness settings and controls, runs throughout the whole process of film and television production. At first, most new broadcast monitors have installed a waveform feature but it can only display the real-time dynamic range of the whole input signal (on the premise of accuracy), however, it's unable to confirm the location of the out of limits signal. RUIGE's innovation has designed features such as brightness dynamic range setting & control and out of limits signal confirmation. With these features the monitor will detect all locations of the out of limits signal rapidly and accurately, and it provides a reliable technical way to guarantee the proper filming and post-production.

Rapid and accurate focus, is another essential element of filming making, especially when trying to achieve the proper depth of field therefore focus control is very important. "Focus assistance" function can be used whether you are shooting in "color" or "B/W" according to the filmmakers or focus pullers personal preference. Meanwhile, the color, precision, and width of the focus lines can be adjusted, which greatly improves the accuracy of "focus assistance" function.

Based on shooting environment location, monitor brightness has standard brightness value to 100. High brightness value of 150 is available.

BNC terminals, as the standard I/O connectors for SDI signal, will affect the signal display quality directly. All RUIGE monitors adopt Canare original SDI proprietary BNC to ensure the highest quality of HD signal transmission.

Most professional applications require functions in B series monitors such as: luminance waveform, vector scope, RGB waveform, false color, focus assistance, time code, H/V delay, aspect ratio switch... all can be set on 1~6 "F" (fast keys) in front panel.

Specification

Model	TL-B1730HD	TL-B2000HD	TL-B2150HD
Screen Size	17.3"	20"	21.5"
Resolution	1920 × 1080	1600 × 900	1920 × 1080
Dot Pitch	0.199 × 0.199mm	0.2766 × 0.2766mm	0.2475 × 0.2475mm
Aspect Ratio	16:9/4:3 Switchable	16:9/4:3 Switchable	16:9/4:3 Switchable
Brightness	300cd/m ²	300cd/m ²	250cd/m ²
Contrast	800:1	1000:1	1000:1
Color depth	10Bits(10.73G colors)	8Bits(16.7M colors)	8Bits(16.7M colors)
Image processing	10Bits	10Bits	10Bits
Response Time	3ms	8ms	8ms
Viewing Angle	H 178° / V 178°	H 178° / V 178°	H 178° / V 178°
Voltage Input	DC 12V	DC 12V	DC 12V
Power Consumption	≤25W	≤30W	≤35W
Monitor Size	L451 × H281 × D45mm	L493 × H314 × D45mm	L528 × H341 × D45mm
Weight	About 5.5Kg	About 6.9Kg	About 7Kg