

Revive the moment

With Adobe RGB wide color space



Photographer Monitor SW320



Preserve the true colors you captured and make sure the moments are perfect. With stunning 4K resolution, the BenQ Monitor SW320 is equipped with 99% Adobe RGB, 100% sRGB, 100% Rec.709, and DCI-P3 color spaces, providing you with a wide range of spectacular colors to work with. Keep the moment and never let it fade away.

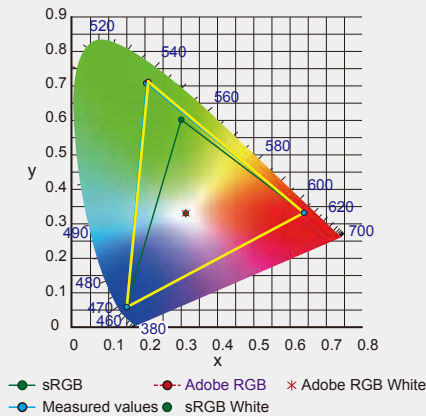
BenQ

Because it matters

Color Accuracy

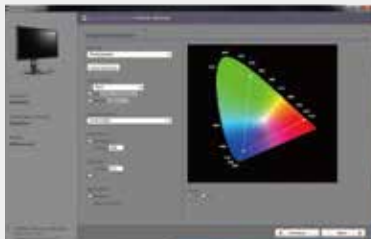
Enrich Your Palette with 99% Adobe RGB and the Reproduction of Original Colors

See the true colors of nature! Utilize your DSLR camera to its full potential with Adobe RGB color space, a set of new color management features that offer a greater range of color reproduction for shades of blue and green, resulting in a more realistic color representation for outdoor and nature photography.



Proprietary Palette Master Element Calibration Software

With the use of Palette Master Element and a calibrator, you can tune and maintain the color performance of the monitor at its most optimal state.



Consistent Efficiency

Hotkey Puck

The Hotkey Puck is a remote controller that comes with three preset buttons, each set up with a customized display setting such as Adobe RGB, sRGB, Black and White. This allows you to switch effortlessly between the presets without going through complicated settings. The Hotkey Puck also comes with a button for Hotkey Puck navigation and setting.

Advanced Black & White Mode

View your photos in a black and white film effect. Choose from three different black and white preset to preview your photos in before you perform actual adjustments in your photo processing program.

Shading Hood

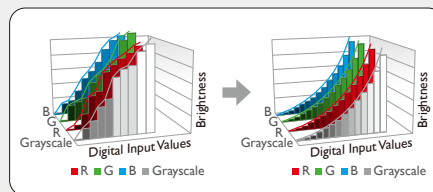
The SW320 includes a detachable shading hood that effectively reduces the monitor's screen glare resulting from ambient lighting, ensuring superb color accuracy required for professional work. The shading hood is specially designed to accommodate monitors that can rotate vertically, allowing for attachment in both landscape and portrait viewing orientations.

14-bit 3D LUT & Delta E≤2

The 14-bit 3D Look Up Table (LUT) improves RGB color blending accuracy, resulting in impeccable color reproduction. Having Delta E≤2 in Adobe RGB, sRGB and Rec.709 color spaces give you the truest and most representative view of the original image.

Hardware Calibration

Hardware calibration allows you to adjust the image processing chip in the monitor without changing the graphic card output data. It keeps images consistent with its original copies without being affected by graphic settings.



High Dynamic Range (HDR)

High Dynamic Range (HDR) increases the overall dynamic range between black and white so the resulting image appears closer to what your eyes see in the natural world.

*To view HDR content from your device, ensure that you use the HDMI cable provided with the SW320 monitor or an High Speed HDMI Cable or Premium High Speed HDMI Certified Cable.
*HDR function supports HDR10 content.



GamutDuo

Switch to PIP/PBP mode for multitasking in GamutDuo viewing. This mode enables you to simultaneously display content side-by-side in two different color spaces, such as Adobe RGB and sRGB.



Two Sources with Two Colors

Marketing Name	SW320
Display	
Screen Size	31.5"
Panel Type	IPS
Backlight / Lightsource	LED
Resolution (max.)	3840x2160
Brightness (typ)	350
Native Contrast (typ.)	1000:1
Viewing Angle (L/R/U/D) (CR>=10)	178/178
Response Time	5ms (GtG)
Aspect Ratio	16:9
Display Colors	1.07B
Color Gamut	100% Rec. 709/sRGB, 99% AdobeRGB, DCI-P3
Vertical Refresh Rate	60Hz
Color Bit	True 10 bits
Special feature	
Color Mode	AdobeRGB / sRGB / B+W / Rec.709 / DCI-P3 / HDR / Darkroom / Calibration 1 / Calibration 2 / Custom 1 / Custom 2 / CAD/CAM / Animation
Color Temperature	5000°K / 6500°K / 9300°K / User Mode
3D-LUT	Yes (14 bits 3D LUT)
Delta E	≤ 2 (avg)
Hardware Calibration	Yes
HDR	Yes
Black Level	Yes
Color Temperature Sensor	Yes
Hotkey Puck	Yes
Gamut Duo	Yes
Video format Support	Yes
HDCP	2.2
PIP/PBP	Yes
Card Reader	Yes
VESA Wall Mount	Yes
K Locker	Yes
Connectivity	
HDMI	2.0 x 1
DisplayPort	1.4 x 1
Mini DisplayPort	1.4 x 1
USB	3.0 (2* downstream, 1* upstream), 2.0 x 1 (only for Hotkey Puck)
Dimension and Weight	
Net Weight (kg)	20.3
Tilt (down/up)	-5/20
Swivel (left/right)	45/45
Pivot	90
Height Adjustment (mm)	150mm
Software	
Palette Master Element	Support OS : Win 7 32/64bit or above, Mac OS X 10.6.8 or above Support Calibrator : X-Rite i1 Display Pro / i1 Pro / i1 Pro 2, Datacolor Spyder 4/5
Color Display Clone	Support OS : Windows OS required and only works under Calibration mode