

BenQ SW Series
Monitor for Photographers



Model Name	SW2700PT	SW320
Screen Size (inch)	27	31.5
Panel Type	IPS	IPS
Resolution (max.)	2560 x 1440	3840 x 2160
Brightness (typ.)	350	350
Native Contrast (typ.)	1000 : 1	1000 : 1
Response Time	5ms (GTG)	5ms (GTG)
Aspect Ratio	16 : 9	16 : 9
Display Colors	1.07 Billion	1.07 Billion
Color Gamut	100% sRGB / Rec.709 / 99% Adobe RGB / 96% DCI-P3	100% sRGB / Rec.709 / 99% Adobe RGB / DCI-P3
Color Depth	10-bit	True 10-bit
Color Accuracy	Avg. Delta ≤ E2	Avg. Delta ≤ E2
Professional Features		
Black and White Mode	●	●
HDR Mode		●
Hardware Calibration (supported calibrators)	X-Rite i1 Display Pro / i1 Pro / i1 Pro 2 , Datacolor Spyder 4/5	X-Rite i1 Display Pro / i1 Pro / i1 Pro 2 , Datacolor Spyder 4/5
PIP/PBP		●
OSD controller (Hotkey Puck)	●	●
GamutDuo		●
Shading Hood	●	● (Landscape & Portrait)
HDCP	1.4	2.2
Connectivity		
Input/Output	DVI-DL / HDMI 1.4 / DP1.2	HDMI2.0 / DP1.4 / mDP1.4
USB Hub	3.0 x 2	3.0 x 2
Eye-Care		
Flicker-free Technology	●	●
Low Blue Light	●	

RELIVE THE MOMENT

With Adobe RGB wide color space



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Monitor for Photographers

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



Relive Vibrant Moments in Living Color

BenQ understands the photographer's pursuit of perfect color and true-to-life image quality. The BenQ SW-Series offer unparalleled technology to preserve your special moments. Featuring the high color accuracy of the Adobe RGB color space, BenQ Photographer monitors are built to reproduce your images with the same precise details in which you captured them.





Photo by Joshua Holko



Color Accuracy

Begin your workflow by performing hardware calibration using BenQ's proprietary Palette Master Element software and a colorimeter to render accurate colors in digital images and in prints.



Tethered Shooting

During tethered shooting, enjoy the truest color reproduction on your screen, free from obstructing ambient light and glare by using the in-box shading hood which can be used in both portrait or landscape orientations.



Photo Retouching

Perform your image edits and post-processing in 99% Adobe RGB coverage and find a wide range of colors to work with.

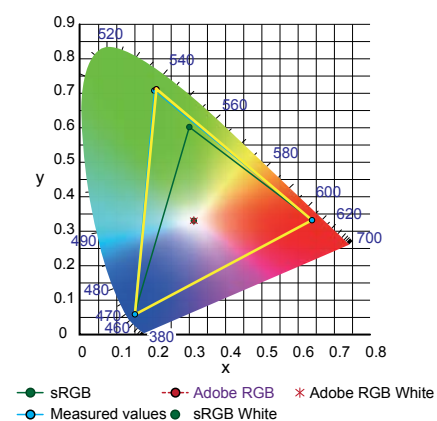


Outstanding Color Accuracy

Specially designed to bring out the best in color-intensive work, BenQ SW-series monitors offer Adobe RGB color space to view and fine-tune your images with a wider color gamut.

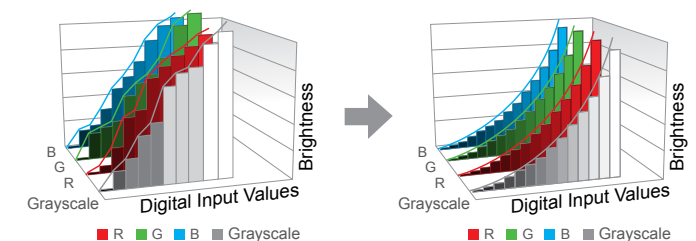
99% Adobe RGB

See the true colors of nature! Adobe RGB color space offers a greater range of color reproduction for shades of blue and green, resulting in a more realistic color representation for outdoor and nature photography.



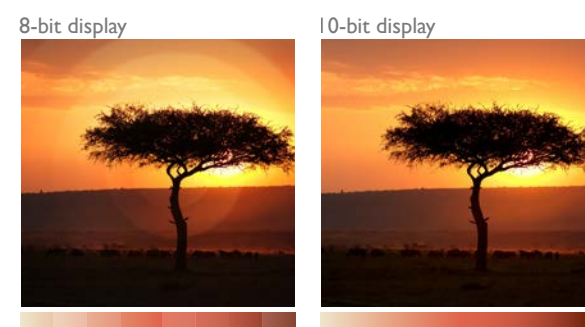
Hardware Calibration

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



10-Bit Color Display

Enjoy the smoothest color gradations on a 10-bit display which shows more than one billion colors.



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 both Adobe RGB and sRGB color spaces gives you the truest and most representative view of the original image.

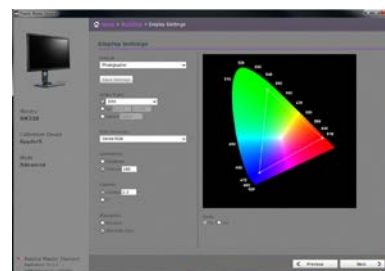




Proprietary Palette Master Element Calibration Software

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

Supported Platforms: Win 7 / Win 8, Mac OS 10.6.8-10.12
Supported Calibrators: X-Rite i1 Display Pro / i1 Pro / i1 Pro 2 & Datacolor Spyder 4 / Spyder 5



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.



Color Display Clone

Color Display Clone eliminates the need for guesswork to achieve accurate color across multiple locations. A built-in color temperature sensor automatically adjusts the picture to ambient light conditions ensuring color is rendered consistently to your targeted values.



Simple, Functional Design for Greater Efficiency

Convenience and comfort make these features invaluable for daily computer use.

Hotkey Puck

Hotkey Puck allows users to switch between AdobeRGB, sRGB, and Black-and-White modes effortlessly. The buttons can also be customized to map other modes or OSD settings, such as brightness and contrast to bring added convenience to photographers.



Advanced Black-and-White Mode

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





Photo by Piotr Piatek

Shading Hood

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



GamutDuo

GamutDuo enables you to view contents simultaneously in different color spaces side-by-side for comparison.

* Switch to PIP/PBP mode to enable GamutDuo



Ergonomic Design

Customize your workstation for the perfect user environment with an extensive range of height, tilt, pivot, stroke and swivel monitor adjustments.



Photo by Joshua Holko



Like us on Photogenic by BenQ

Photogenic is a media hub for all professional photographers and photography enthusiasts. On Photogenic, you can appreciate stunning images taken by our ambassadors, learn photo-shooting tips through digital classroom videos, read the latest photography news, and get to know more about BenQ's dedicated Photographer Monitor series.

Like Photogenic, Make It Photogenic.



Photo by Joshua Holko



Photo by Andy Biggs



Photo by Han Dong