



Because it matters



AQCOLOR[®]

Colors You Can Trust

Industry
STANDARD

Displaying
DETAILS

Out-of-the-Box
GUARANTEE



BenQ Professional Monitors



DesignVue Designer Monitor
PD Series

PhotoVue Photographer Monitor
SW Series



Accurate Colors to Bring Your Vision Alive

For photographers or designers, color accuracy matters. It helps reproduce your creative works faithfully. That's why BenQ has developed AQCOLOR technology to satisfy your creative thirst with accurate colors.

Devoted to meeting the latest professional color standard, the BenQ color expert team actively participated in the ICC and ISO, the organizations for standardization, to establish color-related standards and implementation for color accuracy and consistency.

Crafted for Creative Professionals

To give you the most accurate colors according to your creative needs, BenQ has polished and advanced in our craftsmanship in 4 principles: Selection, Design, Calibration and Pledge.

Calibration



Precision instrument



Gamma correction



Color temperature



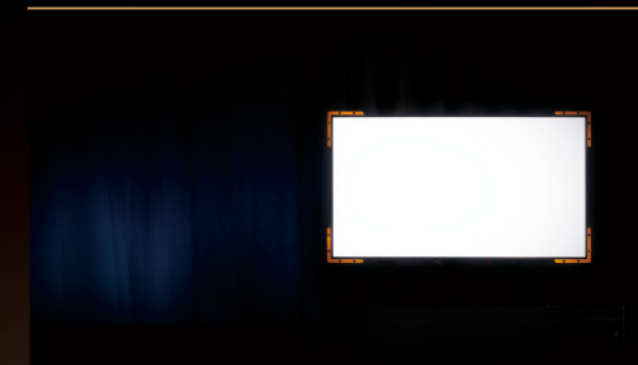
Color gamut



Uniformity

We stick to the five elements to eliminate even the smallest variation in figures and to ensure that our monitors can reproduce colors accurately.

Selection



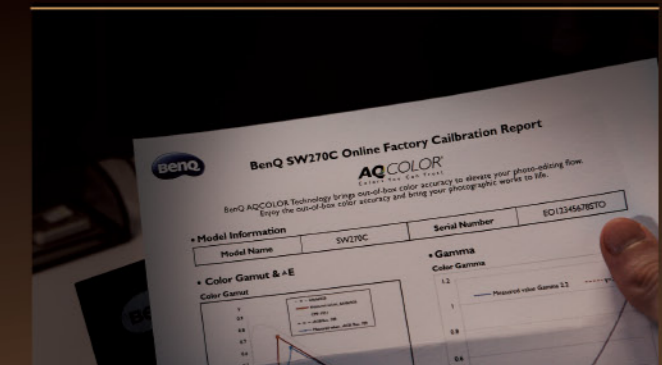
BenQ holds on to the spirit of perfection in selecting the best components and materials to guarantee a monitor with optimal color performance.

Design




The intricate craftsmanship of the monitor is a reflection of our persistence and dedication to bring you the ultimate in color performance.

Pledge



The factory-calibrated report we provide guarantees every monitor passed our strict color tests and demonstrates BenQ's effort to bring you a monitor with colors you trust.

For  PhotoVue Photographer Monitor

 DesignVue Designer Monitor

Relive Every Moment with Truest Colors

Accurate colors express your emotions and realize your visions with precision. Let BenQ AQCOLOR technology cover your story in full spectrum of colors.

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BenQ PhotoVue Photographer Monitor SW series is equipped with AQCOLOR technology, ensuring accurate colors. Relive the Moment.

Industry Standard for Accurate Color Performance

99% Adobe RGB Color Space

BenQ SW series monitors meet the high color standard by covering 99% of Adobe RGB and 97% of DCI-P3/Display P3, resulting in more realistic color representation for nature photography.

Color Precision

Up to 16 bit look up table (LUT) improves RGB color blending accuracy for a more realistic color representation and Delta E ≤ 2 in Adobe RGB and sRGB color space renders the truest and most representative view of the original image.



Displaying Details with Color Consistency



without Uniformity



with Uniformity

Uniformity Technology

BenQ Uniformity Technology offers screen-wide precise color from corner to corner by using high precision apparatus to meticulously fine-tune the color and the brightness at hundreds of sub-regions on the entire screen.

Color Consistency

BenQ has utilized a well prepared instrument in every production line to ensure that monitors from different production lines will display color at same precise level.

Hardware Calibration

Hardware calibration allows you to adjust the monitor's internal image processing chip without changing the graphics card output data, keeping displayed images consistent with the original content without being affected by graphic card setting.

Out-of-the-Box Guarantee for Color Accuracy

Factory-Calibrated Color Precision

To ensure the color performance, every BenQ PhotoVue photographer monitor comes with a factory calibration report to guarantee the trustworthy color performance.



A Step Less to Reach Fidelity

BenQ gives full considerations to the intuitive designs not just to spark your creativity but also streamline your workflow.



Display Every Splendid Scene with Subtleties

BenQ Photographer Monitor adopts HDR and supports various video formats to reproduce the videos your digital cameras captured with fidelity, replaying your vivid times dynamically.

| HDR Technology

BenQ PhotoVue photographer monitors adopt HDR technology and are compatible with HDR10 and HLG formats, so that users can preview the HDR effect of the content during the editing process, ensuring desirable outcomes for the final works.

| Video Format Support

BenQ PhotoVue photographer monitors support 24/25P film content to be displayed at native cadence without pulldown which can distort playback of the source video.

| Advanced Video Color Management

BenQ PhotoVue photographer monitor supports the world-leading video calibration software CalMAN and LightSpace, guaranteeing image accuracy and consistency at all levels.



without HDR

with HDR

Intuitive Designs for Work Efficiency

With BenQ customized designs, photographers would be free from repetitive actions for photo retouching and video editing, to boost the work efficiency.



| Paper Color Sync

Paper color sync is a BenQ proprietary technology to simulate the printing results. You can edit photos with efficiency in the screen-to-print process by saving the hassle of re-editing and resetting.

| Shading Hood

A specially designed detachable shading hood can effectively reduce the monitor's screen glare from ambient lighting for superb color accuracy.

| GamutDuo

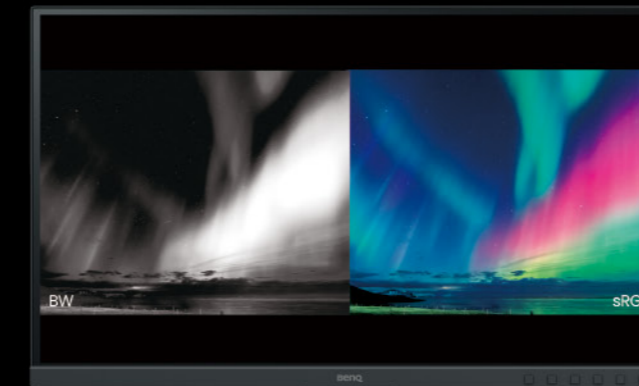
GamutDuo enables you to view content simultaneously in two different color spaces, such as sRGB and Adobe RGB, side-by-side for convenient comparison.

| Advanced Black and White Mode

Color photos are displayed in enhanced black and white effect. Choose from these 3 black and white film effects to preview your photos before actual adjustment.

| Hotkey Puck G2

Hotkey Puck G2 has 3 function keys and a rotation key, allowing users to designate their preferred color modes and features as shortcuts to widely used settings. And the dial makes it easy to adjust the brightness, contrast and volume.





Awaken Your Inspirations with Truest Colors

Accurate colors capture your insights and realize your ideas with precision. Let BenQ AQCOLOR technology cover your works in full spectrum of colors.



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BenQ DesignVue Designer Monitor PD series is equipped with AQCOLOR technology, ensuring accurate colors. Make Inspirations Come Alive.

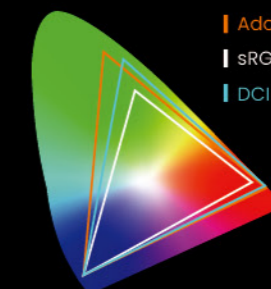
Industry Standard for Accurate Color Performance

100% sRGB and 98% P3 Color Space

BenQ Designer Monitor meets the high color standard by covering 100% of sRGB and up-to 98% of DCI-P3/Display P3 color space, utilizing the advanced IPS wide viewing angle technology to minimize color shift to inspire absolute design confidence.

Color Precision with Delta E ≤ 3

BenQ Designer Monitor achieves Delta E ≤ 3 in sRGB color space, rendering the truest and most representative view of the original image.



Displaying Details with Color Consistency



Color Consistency

To achieve color consistency, BenQ has utilized a well prepared instrument in every production line, to ensure that monitors from different production lines will display color at same precise level.

Out-of-the-Box Guarantee for Color Accuracy

Factory Calibrated Color Precision

Every BenQ DesignVue designer monitor offers the out-of-the-box color accuracy that guarantees users can enjoy the trustworthy color performance.



A Smooth Workflow to Bring Out Creativity

BenQ gives full considerations to the intuitive designs not just to spark your creativity but also streamline your workflow.



Turn an Episode into an Entrancing Story

BenQ DesignVue Designer monitor PD series is equipped with HDR technology, allowing you to tell entrancing stories with refined subtleties.

| HDR10 Compatibility

BenQ DesignVue Designer Monitor is compatible with HDR10 format. It lets designers preview video content's HDR effect during the editing process, ensuring desirable outcomes for the final works.



Specialized Display Modes for All Designers

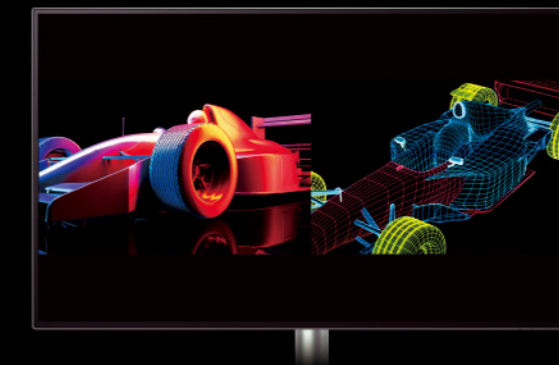
Designers require tools that can help bring out the highest potential of their work. BenQ's specialized display modes assist designers in producing work of the highest quality.

| CAD/CAM Mode

Revolutionary CAD/CAM mode offers superior image contrast, allowing for lines and shapes of technical illustrations to stand out.

| Animation Mode

The Animation mode enhances the brightness of dark areas without overexposing bright regions to bring out every subtlety when working on 3D animations.



| Darkroom Mode

The Darkroom mode adjusts image brightness and contrast for superb clarity and sharp details in darkened environments.

| DualView

Improve your workflow and enhance productivity by switching on DualView to showcase designs in two modes side-by-side without the need for two screens.

A Simple and Creative Work Process Made Possible

Enjoy a whole new level of efficiency and productivity while turning creative ideas into realities.



| Keyboard Video Mouse (KVM) Switch

KVM Switch function allows users to control content from two systems on one screen using just one set of keyboard and mouse to save space and boost work efficiency.

| Hotkey Puck G2

Hotkey Puck G2 has 3 function keys and a rotation key, allowing users to designate their preferred color modes and features as shortcuts to widely used settings. And the dial makes it easy to adjust the brightness, contrast and volume.

Color mode	Adobe RGB
DualView	sRGB <input checked="" type="checkbox"/>
KVM Switch	B+W
Input	Rec.709
Mute	DCI-P3
	Display P3
	M-book
	HDR

Words from BenQ Professionals



Jon Hernandez
Commercial Photographer / Spain

"With BenQ we can be sure that what we see is exactly what is in our file. It's so important to have the real colors. Plus, a BenQ screen lets us see what light is really doing in a studio setting. Thanks to BenQ's quality, I see my photos how they really are and that's a must in my creative workflow."



Martin Pertiniak
Adobe Certified Instructor & Graphic Designer / UK

"I have been using BenQ monitors for over 10 years for graphic design, illustration and image editing. I can rely on their color accuracy and they never let me down. Another great aspect is that I don't get eye strain from working with them for long hours every day."



Francesco Gola
Landscape Photographer / Italy

"BenQ monitors are an essential part of my workflow : wide gamut, uniformity and color accuracy are just some of the features that make them unique. Whether for digital publishing or printing, BenQ is the choice I would recommend to any photographer."



Join us!
AQCOLOR by BenQ



Discover
AQCOLOR

Find One to Satisfy Your Creative Thirst

Whether you are a photographer or designer, we have the right professional monitor for you to turn your visions into reality.

PhotoVue Photographer Monitor | SW Series



SW240



SW270C



SW271C 4K



SW321C 4K

DesignVue Designer Monitor | PD Series



PD2506Q



PD2705Q



PD2700U 4K



PD2705U 4K



PD2725U 4K



PD3205U 4K



PD3220U 4K



PD3420Q

Photographers

Video Editing

Photo Printing

Adobe RGB | sRGB | Rec.709

P3

Hardware calibration & Calibration report

Content Creators

Video editing / Graphic design / Photo Editing

Mac Friendly

sRGB | Rec.709

P3

Calibration report



Because it matters