

Relive the Moment

Vital Moment Reproduced with Exceptional Colors



AQCOLOR
Colors You Can Trust



PhotoVue Photographer Monitor SW271C

To relive the moment captured, the true colors have to be shown faithfully whether it's on screen or on paper. BenQ PhotoVue Photographer Monitor SW271C offers a wide range of colors with 99% Adobe RGB and 90% DCI-P3/Display-P3 color space to deliver brilliant colors. It also supports HDR10/HLG to bring you finest details and various video formats to present the real content. Featuring the latest technology, Paper Color Sync, SW271C simulates the photo-printing results to facilitate the photo re-touching process. Keep the moment and never let it fade away.



Because it matters

BenQ AQCOLOR technology delivers "Accurate Reproduction." This translates to the display of color precisely as it is intended to appear. Led by a color expert, the BenQ team took part in the ICC* and ISO** to establish color-related standards and implementation guidelines.

* International Color Consortium ** International Organization of Standardization



Color Uniformity and Consistency

Create with confidence. Enjoy consistent color accuracy across multiple displays and throughout each panel.

Hardware Calibration

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

Video Support

HDR10 / HLG

SW271C is compatible with HDR10 and HLG formats. Preview the HDR effect of video content during the editing process for your best results.

Work Efficiency

Eliminate the stress of the guess. From capturing the image, to the retouching process, to the final print, every step is critical. SW271C is uniquely equipped to deliver a streamlined, smooth retouching-to-printing process. Refined, simulated previews let you rest assured that what you see is what you print.

Screen-to-Print Consistency

SW271C includes Paper Color Sync software to let photographers easily and efficiently display photo previews that match final prints.

60W Power Delivery

The latest USB-C™ port provides high-speed video/audio/data transmission and 60W power delivery with one single cable.



Industry Color Standards

Enrich Your Palette with 99% Adobe RGB & 90% P3

Color standards by 99% of Adobe RGB, 100% of sRGB/Rec.709, and 90% of DCI-P3/Display P3 result in a more realistic color representation for outdoor and nature photography.

Color Precision with 16 bit 3D (LUT) & Delta E≤2

The 16 bit 3D look up table (LUT) and precise Delta E≤2 in Adobe RGB and sRGB color spaces render the truest view of the original image with accurate colors.

Video Format Support

SW271C supports 24P/25P/30P film content to be displayed at native cadence without pulldown which can distort playback of the source video.

Select SDI to HDMI Device Compatibility

BenQ has tested select SDI to HDMI devices as compatible with SW271C.



Hotkey Puck G2

Access preferred color modes and features using these preset shortcuts.



SW271C	
Product Color	Gray
Display	
Screen Size	27"
Aspect Ratio	16 : 9
Resolution (max.)	3840 x 2160
Display Area (mm)	596.16 x 335.34
Pixel Pitch (mm)	0.1552
Brightness (typ.)	300 cd/m²
Native Contrast (typ.)	1000:1
Panel Type	IPS
Viewing Angle (L/R/U/D) (CR>=10)	178/178
Response time	5ms(GtG)
Display Colors	1.07 Billion colors
Color Gamut	99% AdobeRGB >90% P3 100% sRGB
PPI	163
Refresh Rate	60Hz
Backlight Technology	LED backlight

Audio	
Headphone Jack	Yes
Monitor	
Color Mode	Adobe RGB sRGB Rec.709 DCI-P3 Display P3 M-book HDR B+W Calibration Calibration 2 Calibration 3 Custom Paper Color Sync DICOM
HDR	HDR10 HLG
Display Mode	Full Aspect Ratio, 1:1
Color Temperature	5000°K 6500°K 9300°K Custom User Defined
Gamma	1.6 - 2.6, sRGB
K Locker	YES
OSD Language	18 Language
PIP/PBP	Yes
HDCP	2.2
VESA Wall Mounting	100x100mm
Display Screen Coating	Anti-Glare Anti-Reflection

Dimension & Weight	
Dimensions (H x W x D mm) (w/o Base)(with shading hood)	398.97x659.24x259.97
Dimensions (H x W x D mm)	Landscape: 503-630.15x659.24x362.17 Pivot: 759.67x399.76x362.07
Dimensions (HxWxD mm)(w/o Base)	387.56x647.04x74.64
Dimensions (HxWxD mm)(without shading hood)	Landscape: 503-618.74x647.04x285.27 Pivot: 748.52x395.59x285.27
Net Weight (kg)(without shading hood)	10.9
Gross Weight (kg)	21.2
Tilt (down/up)	-5° ~ -20°
Swivel (left/right)	45°/45°
Pivot	90°

Video Signal Data	
Ver. Frequency (KHz)	24~76Hz
Video Bandwidth (M Hz)	600M Hz

Professional	
3D-LUT	16bits
Delta E	≤ 2 (avg)
Uniformity Technology	Yes
Video Format Support	Yes
Gamut Duo	Yes
Black Level	Yes
Hotkey Puck G2	Yes
Factory Calibration Report	Yes
Black & White mode	Yes
Hardware Calibration	Yes

Software	
Palette Master Element	Yes
Paper Color Sync	Yes

Connectivity	
USB type-C™	Yes (PD60W, DP Alt mode, Data)
HDMI	HDMI (v2.0)x2
DisplayPort	DisplayPort (v1.4) x 1
Card Reader	SD/MMC type Support Format: SD/SDHC/SDXC/MMC

Power	
Voltage Rating	100~240V
Power Consumption (stand by mode)	0.5W
Power Consumption (base on Energy star)	37W
Power Supply	Built-in

Compatibility	
Mac Compatible	Yes
Windows® Compatible	Windows®10 Windows®8.1 Windows®8 Windows®7

Certification	
CalMAN Verified	Yes
Pantone Validated	Yes