

# Relive the Moment

Vital Moment Reproduced with Exceptional Colors



PhotoVue Photographer Monitor SW270C

Preserve the true colors you captured and make sure the moments are perfect. BenQ Monitor SW270C offers a wide range of color with 99% Adobe RGB and 97% DCI-P3/Display-P3 color spaces to deliver brilliant colors. It also supports HDR to bring you finest details and various video formats to present the real content. USB-C boosts work efficiency with quick video/audio/data transmission and power charge. Keep the moment and never let it fade away.

**BenQ**

Because it matters

# AQCOLOR™

Colors You Can Trust

Industry **STANDARD** | Displaying **DETAILS** | Out-of-Box **GUARANTEE**



## Industry Color Standards

### Enrich Your Palette with 99% Adobe RGB

High color standards by 99% of Adobe RGB, 100% of sRGB/Rec.709, and 97% of DCI-P3/Display P3 result in a more realistic color representation for outdoor and nature photography.

### 16 bit 3D (LUT) Delta & 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.

## Color Consistency in Every Detail

### Uniformity Technology

Fine-tuning the color and brightness at hundreds of sub-regions across the entire screen, BenQ Uniformity Technology offers screen-wide precise color for perfectly authentic and consistent viewing experiences.

### 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 setting.

## Display

### Every Splendid Scene with Details

### HDR for Vibrant Images

HDR10 technology offers videographers to preview the HDR effect of the video content, ensuring desirable outcomes for their final works.

### Video Format Supports Present the Real Content

SW270C supports 24P/25P film content to be displayed at native cadence without pulldown which can distort playback of the source video.

## Intuitive Designs for Work Efficiency

### USB-C Port

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

### Hotkey Puck G2

Preferred color modes and features are designated as quick access to widely used settings.



SW270C	
Product Color	Gray
Display	
Screen Size	27"
Aspect Ratio	16 : 9
Resolution (max.)	2560 x 1440
Display Area (mm)	596.7 x 335.6
Pixel Pitch (mm)	0.2331
Brightness (typ.)	300
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
Color Gamut	99% AdobeRGB   97% P3 100% sRGB
PPI	109
Color Bit	10bits
Refresh Rate	60Hz
Backlight Technology	LED
DCR (Dynamic Contrast Ratio)(typ.)	20M:1

Audio	
Headphone Jack	Yes

Monitor	
Color Mode	Adobe RGB   sRGB   Rec 709   B&W   DCI-P3 Display P3   M-book   HDR   DICOM   Calibration 1 Calibration 2   Calibration 3   Custom 1   Custom 2
HDR	HDR10
Display Mode	Full Aspect Ratio, I:I
Color Temperature	5000°K   6500°K   9300°K   User Mode
Gamma	1.6 - 2.6, sRGB
K Locker	YES
OSD Language	18 Language
PIP/BBP	Yes
HDCP	2.2
VESA Wall Mounting	100x100mm

Dimension & Weight	
Dimensions (H x W x D mm) (w/o Base)(with shading hood)	372.2 x 626 x 238.04
Dimensions (H x W x D mm)	H: Landscape: 504.5-614.3 x 626 x 334.8 Portrait: 744.6 x 381.1 x 334.6
Dimensions (HxWxD mm)(w/o Base)	368.9 x 613.8 x 62.65
Dimensions (HxWxD mm)(without shading hood)	Landscape: 504.5-611 x 613.8 x 213.4 Portrait: 733.4 x 380.7 x 223.2
Net Weight (kg)(without shading hood)	9.5
Gross Weight (kg)	18.4
Tilt (down/up)	-5° ~ -20°
Swivel (left/right)	45°/45°
Pivot	90°

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

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

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

Power	
Voltage Rating	100~240V
Power Consumption (standby mode)	0.5W
Power Consumption (base on Energy star)	36.1W
Power Supply	Built-in

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

Certification	
CalMAN	Yes
Pantone	Yes

\*The transmission rate of USB-C™ can vary. \*USB-C is compatible with Thunderbolt 3. \*Please make sure your laptop's USB-C port supports DisplayPort Alt mode.\* Please make sure the purchased cable is certified by USB-IF and is full-featured with power delivery and video / audio / data transfer functions.

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