

# 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.



- Super Speed USB
- One Cable For Audio / Video / Data
- Power



| SW270C   |   |
|--|---|
| Product Color  | Gray  |
| Display  |   |
| Screen Size  | 27"   |
| Aspect Ratio   | 16 : 9  |
| Resolution (max.)  | 2560 x 1440   |
| Display Area (mm)  | 596.7 × 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<br>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<br>Display P3   M-book   HDR   DICOM   Calibration 1<br>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/BPB  | Yes   |
| HDCP   | 2.2   |
| VESA Wall Mounting   | 100x100mm   |
| Dimension & Weight   |   |
| Dimensions (H x W x D mm)<br>(w/o Base)(with shading hood) | 372.2 × 626 × 238.04  |
| Dimensions (H x W x D mm)                                  | H: Landscape: 504.5-614.3 × 626 × 334.8<br>Portrait: 744.6 × 381.1 × 334.6  |
| Dimensions (HxWxD mm)(w/o Base)                            | 368.9 × 613.8 × 62.65   |
| Dimensions (HxWxD mm)(without shading hood)                | Landscape: 504.5-611 × 613.8 × 213.4<br>Portrait: 733.4 × 380.7 × 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<br>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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