Relive the Moment

Vital Moment Reproduced with Exceptional Colors

PhotoVue Photographer Monitor SW321C

CM CalMAN ✔ VERIFIED BY *By SpectraCal*

✔ PANTONE Validated

To preserve the moment captured, the true colors have to be shown faithfully whether it's on screen or on paper. BenQ Photographer Monitor SW321C offers a wide range of colors with 99% Adobe RGB and 95% DCI-P3/Display-P3 color space to deliver brilliant colors. SW321C also supports HDR to bring you finest details and various video formats to present the real content. Featuring the latest technology, Paper Color Sync, SW321C simulates the photo-printing results to facilitate the photo re-touching process. Keep the moment and never let it fade away.
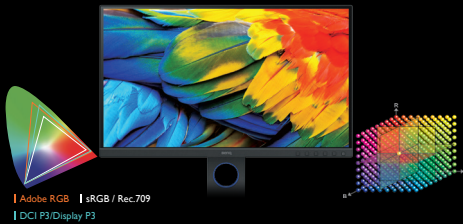
BenQ

Because it matters

AQCOLOR™

Colors You Can Trust

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

| Adobe RGB | sRGB / Rec.709
| DCI P3/Display P3

Industry Color Standards

Enrich Your Palette with 99% Adobe RGB
High color standards by 99% of Adobe RGB, 100% of sRGB/Rec.709, and 95% 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.

Color Consistency in Every Detail

Uniformity Technology
BenQ Uniformity Technology fine-tunes the color and brightness of the hundreds of sub-regions across the entire screen and thus 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
SW321C is compatible with HDR10 and HLG formats so that videographers can preview the HDR effect of the video content, ensuring desirable outcomes for their final works.

Video Format Supports Present the Real Content
SW321C 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

Paper Color Sync
Paper Color Sync is a BenQ proprietary technology, saving your time and efforts in the re-editing and resetting process by simulating the printing results.

Canon PIXMA PRO-10
Photo Paper Pro Luster

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

Color mode	Adobe RGB	✓
DualView	sRGB	
KVM Switch	B+W	
Input	Rec.709	
Mute	DCI-P3	
	Display P3	
	M-book	
	HDR	

Dealer's Stamp

BenQ
Because it matters

SW321C	
Product Color	Gray
Display	
Screen Size	32"
Aspect Ratio	16 : 9
Resolution (max.)	3840 × 2160
Display Area (mm)	708.48 × 398.52
Pixel Pitch (mm)	0.1845
Brightness (typ.)	250
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 | 95% P3 100% sRGB
PPI	137
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 | B+W | Calibration 1 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	100×100mm
Dimension & Weight	
Dimensions (H × W × D mm) (w/o Base)(with shading hood)	453.45 × 759.4 × 257.89
Dimensions (H × W × D mm)	H: Landscape: 513.65-663.65 × 759.4 × 340.53 Portrait: 811.5 × 460.35 × 340.53
Dimensions (HxWxD mm)(w/o Base)	448.15 × 747.2 × 77.82
Dimensions (HxWxD mm)(without shading hood)	Landscape: 502.25-652.25 × 747.2 × 223.61 Portrait: 798.6 × 448.15 × 223.61
Net Weight (kg)(without shading hood)	11.8
Gross Weight (kg)	25.6
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
Connectivity	
USB type-C™	Yes (PD60W, DP Alt mode, Data)
HDMI	HDMI (v2.0)×2
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)	52W
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