PROFESSIONAL-GRADE 32" UHD COLOR-ACCURATE MONITOR

IMAGES AS NATURE INTENDED

Exceptional detail, accurate color, enhanced design.

Experience more natural color.

Full HD Monitor

The above image is printed at approximately 70 pixel-per-inch resolution, representative of what you will see on a high-quality Full HD monitor displaying 1920x1080 resolution with color adjusted to be near sRGB color space.

Samsung U32D970Q UHD Monitor

The above image is printed at approximately 140 pixel-per-inch resolution, representative of what you will see on the Samsung U32D970Q UHD monitor, plus color has been adjusted to be near Adobe RGB color space.

See details like never before.

Achieve a higher level of precision.

As a leader in the worldwide display market, from screens used in mobile phones and tablets to those in monitors and TVs, Samsung is now leading the transformation of the business monitor category with ultra-high definition (UHD) displays. With the U32D970Q UHD professional monitor, you will experience a new level of image quality. Class-leading features include:

UHD 31.5" Screen Four times the resolution of a standard monitor for extreme detail.

99.5% Adobe® and 100% sRGB Color Compliance For truly incredible accurate color reproduction.
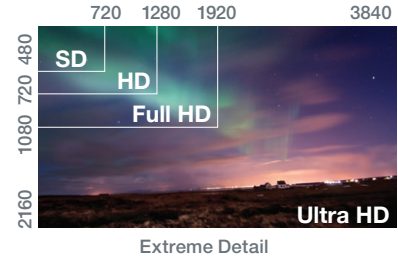
1.07 Billion Colors and 16-Bit Look Up Table For ultra-smooth image reproduction, both in color and in grayscale.

11 Color Space Calibration Options 8 factory-tuned and 3 user-adjustable settings ensure color fidelity for your specific uses.
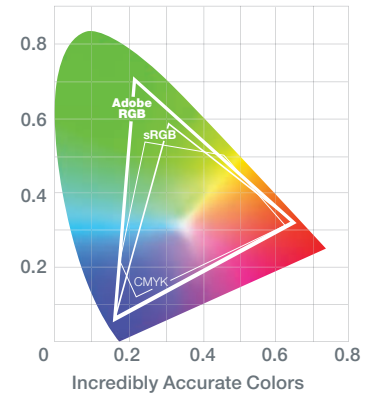
Wide Viewing Angle PLS Panel View the screen clearly at off-angles, such as standing up or from the side.

Low-Glare Screen Concentrate on the image without the glare that plagues glossy displays.

All this technology is packed into a beautifully crafted monitor that looks great in any environment, from a small studio to a high-end retail store to the executive corner office.
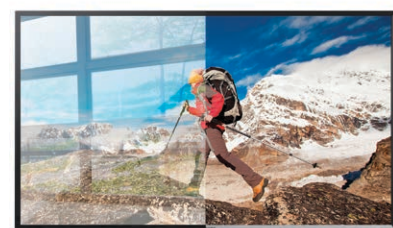
Extreme Detail

Incredibly Accurate Colors

Standard Panel

Wide Viewing Angle PLS Panel
Clear Viewing from Any Angle

Example of   UD970
High-Gloss Screen   Low-Glare Screen

4

Designed with you in mind.

Superior color accuracy to fit your needs.

With 11 Color Calibration Settings, the U32D970Q Provides Flexibility to Meet Your Specific Needs

Adobe RGB Primarily used for professional printing and publishing or where highly accurate color is required.

sRGB High-quality, accurate color presentation for viewing on monitors and the internet, and for good color printing.

High Brightness Perfect for gaming and bright room environments.

EBU European Broadcasting Union color space.

BT709 HDTV broadcast standard color space.

SMPTE-C Analog TV broadcast standard color space.

DCI Digital Cinema Initiatives for consistent and repeatable standards.

DICOM Digital Image Communication in Medicine, used in medical digital imaging and communications standards.

1.07
Billion Colors

Eight color calibration modes are programmed at the factory, requiring over an hour of meticulous fine-tuning using a professional color spectrometer. A report of the final calibration results is included with each monitor.

Improve Productivity with a Broad Set of Features

Quad-Screen and Dual-Screen Picture-By-Picture (PBP) Enables display of up to four distinct video inputs on a single monitor.

Picture-in-Picture 2.0 Allows a second source to be viewed in 3 sizes at 3 resolutions: 480p, 720p and 1080p.

Fully Adjustable Stand Improve ergonomics and user comfort by adjusting monitor height to your eye level. Plus you can adjust tilt, swivel and screen orientation (landscape and portrait).

USB 3.0

USB Hub Allows you to connect up to 4 USB-compatible devices to the monitor, such as a mouse, keyboard or smartphone. Plus, USB 3.0 increases speed, as well as allowing faster charging of mobile devices.

More than a monitor.

A tool engineered to perform.

Whether it's evaluating photos, making critical decisions, reviewing medical images, creating new products, editing UHD video, developing games or writing lines of code, professional users depend on their monitor to help them complete their tasks. The Samsung U32D970Q monitor was created with the professional in mind, to help you do your job better now and in the future.

Medical Imaging

Read x-rays, CTs, MRIs, ultrasounds and other medical images in DICOM standard by using the monitor as a secondary reference monitor (not for diagnostic). Perfect for use in nurse's stations, doctor's offices, clinics and other healthcare settings.

Education

Teach students using today's technology so they are ready for tomorrow's workplace. Specifically, certain subjects can particularly benefit from UHD resolution, such as art, graphic design, advertising, architecture, sciences, software and hardware engineering.
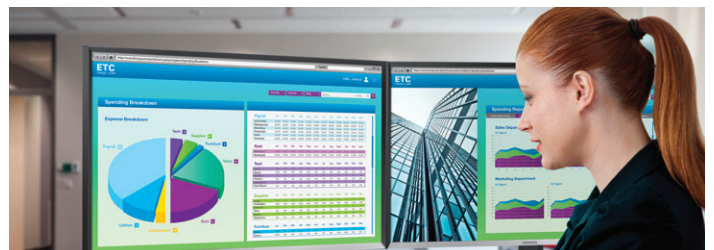

Engineering, Programming, Design, Architecture

In fields where the end product first comes to life on a monitor, the better you can see what you're designing, the more productive you become. Whether writing code for the next billion-dollar game, planning the next highway system, designing a super-car, or drafting the next high-rise plans, the image on your monitor is critical. Take advantage of the ultra clarity of the Samsung UHD 32" monitor.

Video

Future-proof your valuable content. With the shift to 4K/UHD video in full swing, create, edit, master and publish your final product in UHD using a professional-quality UHD display.
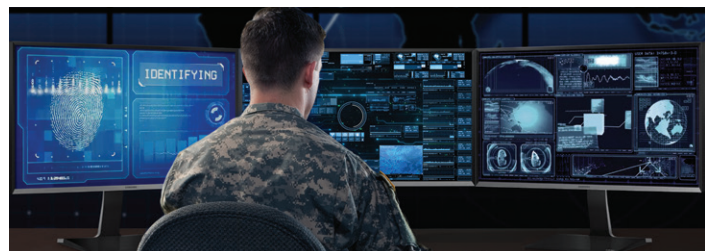

Finance, Accounting, Banking

The increased resolution allows you to view much smaller text and numbers with incredible clarity, enabling you to manipulate complex and detailed information on a single screen so you can work more efficiently.

Photography

Create and view images in perfect color. You'll have confidence that your work will be viewed and produced by others the way you intended.

Command/Control, Mapping, Exploration

Monitor and view videos, communications, images, maps, simulations, feeds and other content in much more detail than a standard monitor, so you can make the critical decisions your agency or business dictates.

KEY SPECIFICATIONS   For complete product specifications, visit samsung.com/b2bmonitors

	Model Number	U32D970Q
Display	Screen Size	31.5"
	Aspect Ratio	16:9
	Panel Type	PLS (Plane to Line Switching) type
	Backlight	LED- BLU Type
	Brightness (Typical)	350cd/m² (High-Brightness mode), 280cd/m² (minimum)
	Contrast Ratio	1000:1 (Typical)
	Dynamic Contrast Ratio	Mega ∞
	Resolution	UHD (3840 x 2160)
	Response Time	8ms (GTG)
	Viewing Angle (H/V)	178° / 178°
	Color Support	1.07B (True 10bit), 100% sRGB, 99.5% Adobe® RGB
General Feature	Embedded Function	Quad & Dual Windows PBP, PIP 2.0, Eco Saving, Off Timer, Image Size, USB Super-charging, UHD Up-scaling, OSD Auto Rotate
	Additional PC S/W	Easy Setting Box, Magic Rotation Auto (Win7/Win8-32bit/64bit), Samsung Natural Color Expert
	OS Compatibility	Windows, Mac
	Windows Certification	Windows 8.1
Interface	Dual Link DVI	1
	Display Port	2 x 1.2
	HDMI	1 x 1.4
	Headphone	1
	USB Hub	1 Up 4 Down (3.0 Version)
Calibration	Factory Tuning	Yes
	Factory Calibration Report	Yes
	Built in Calibration Engine	Yes
	LUT (Look-up Table) Bit Depth	16 bit
	Gray Balance	Yes (Delta E≤ 1)
	Uniformity Correction	Yes (Min ΔLR ≥ 90%)
	Color Mode	Custom, High Brightness, sRGB, Adobe RGB, SMPTE-C, BT709, EBU, DCI, DICOM, Calibration 1, Calibration 2, Calibration 3
	CMS (Color Management Software)	Yes (Natural Color Expert SW 4.0) (Win7/Win8-32 bit & 64 bit, MAC OS-10.6.8↑)
Design	Color	Matte Black & Dark Silver
	Stand Type	HAS (Height Adjustable Stand)
	HAS (Height Adjustable Stand)	130.0mm ±2.0 (5.12")
	Tilt	-5° (±2.0°) to +20°(±2.0°)
	Swivel	-30° (+0,-2°) ~ 30° (+2°,0)
	Pivot	Yes
	Wall Mount	VESA (100 x 100), Bracket (200 x 200)
Power	Power Supply	AC100-240V (50/60Hz)
	Power Consumption	Typical 130W (Max 140W) with USB, Typical 90W (Max 110W) without USB
	Power Consumption (DPMS)	0.5W (Typical)
	Power Consumption (Stand-by)	0.5W (Typical)
	Type	Internal
Dimension	Set Dimension with Stand (WxHxD)	MAX: 28.7" x 24.4" x 11", MIN: 28.7" x 19.3" x 11"
	Set Dimension without Stand (WxHxD)	28.7" x 16.8" x 2.4"
	Package Dimension (WxHxD)	31.3" x 21.9" x 13.7"
Weight	Set Weight with Stand	30.2 lbs.
	Set Weight without Stand	22.7 lbs.
	Package Weight	40.5 lbs.
Accessory	Cables	HDMI (1.4) Cable, DP (1.2) Cable, USB 3.0 Cable, Power Cord
	Others	Install CD (Manual), QSG (Quick Setup Guide), miniDP to DP Adaptor
Warranty	Warranty	3 Year
ECO	Certification	TCO Certification (VESA or HAS available) (Certified Recycle Material), Energy Star 6.0 (Certified Low Power Consumption), GS Certification (Certified Non Glossy)
	Lead Presence	Yes
Master Qualification	Print Certification	G7, Fogra
	Picture Quality Certification	TUV, UL

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Product Support: 1-800-SAMSUNG | 1-866-SAM4BIZ | samsung.com/business or samsung.com/b2bmonitors

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