BenQ PD2500Q Reviewer's Guide

Precise Details to Create Perfection

BenQ PD2500Q Monitor Key Features

- 25-inch, 16:9, QHD 2560 x 1440 IPS panel
- 8-bit, 100% sRGB & Rec.709
- CAD/CAM Mode, Darkroom Mode, Animation Mode
- DP-out (MST) for dual monitor
- Input terminals include: HDMI 1.4, DisplayPort, mini DisplayPort, USB 3.1 Gen (Rear)
- HDCP 1.4
- Technicolor Color Certified*

*About Technicolor® Color Certified

Technicolor® Color Certified is a designation reserved for devices — PC monitors, laptops, all-in-ones, and tablets — that satisfy the required Technicolor specifications during the device's manufacturing process to meet the same strict standards for color accuracy used in Hollywood and throughout the media and entertainment industries. All Technicolor Color Certified devices display colors accurately, consistently and exactly as the content originators intended. Anyone can enjoy shopping, entertainment and gaming experiences with full confidence that the color you see onscreen is accurate.

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Highlights of PD2500Q

Designed to meet the rising demands for medium-sized viewing and ultra-high definition, the PD2500Q boasts a 25-inch 2K display built with BenQ's advanced IPS technology, providing professionals with ultra-precise color rendition (100% sRGB color/Rec.709).

With BenQ's three revolutionary modes – CAD/CAM Mode, Animation Mode, and Darkroom Mode, designers can benefit from enhanced efficiency by bringing out the details of intricate designs into view. CAD/CAM Mode offers superior contrast on 3D color lines to keep each distinct from the rest. Animation Mode enhances the brightness of dark areas without over-exposing bright image areas. Darkroom Mode creates the optimal display setting for work in darker post-processing environments.

PD2500Q applies Edge-to-Edge design, slimmer boarder with more style. With the slim boarder PD2500 is able to display the continued picture when combining two or more monitors.

The embedded daisy-chaining technology allows the user to output screen to up to 4 monitors*. The DP-out feature is created for the multi-monitor scenario to fulfill the need of larger work space. Multiple monitors may be connected with one display/mini-display cable only, which minimizes the wiring effort yet maximizes working area for designers.

*The supported number of monitors for connection may vary by the choice of graphic card.

Design Concept

To support the visual-intensive work required in the fields of animation, industrial design and commercial design, BenQ engineers have been working on the PD2500Q to develop a wide 25 inch Edge-to-Edge 2K monitor for designers to allow for sharper and detailed images artwork. The generous working space would provide designers ample room to work comfortably on their digital art. The PD2500Q monitor has an ergonomic design and several eye protection features to alleviate the stress that comes with long hours spent in front of the computer. With different display mode, the designer is able to adjust colors of the artwork in a more convenient way to increase the efficiency.

Product Features

High Resolution   **2K resolution** offers extraordinary clarity of fine details and textures for an optimal viewing and visual-intensive work experience.

Color Precision   Work confidently in the **100% sRGB and Rec.709 color space** from any viewing angle. All Designer monitors in the PD series are Technicolor Color Certified, ensuring consistent and accurate colors for an impressive color performance.

CAD/CAM Mode   CAD/CAM Mode offers **superior contrast on lines and shapes** of technical illustrations, bringing out the smallest details to view. For an incredible display performance, pair CAD/CAM Mode with Pro/E, SOLIDWORKS, AutoCAD, CATIA or other CAD/CAM software.

Animation Mode   Control and perfect every movement with our innovative Animation Mode. Lighten image areas with Animation Mode to **better visualize the details hidden in dark shadows**. Animation Mode offers 10 levels of display brightness so you can see every bit of the details clearly in any ambient lighting.

Darkroom Mode   Darkroom Mode adjusts the brightness and contrast of images to enhance **clarity and sharpness to details**, creating the optimal setting for work in darker post-processing environments.

DP-out   DP-out mode allows users to extend monitor to up to 4 monitors. With the daisy chaining function, the user only needs one DP/mDP cable from the computer to extend the monitor.

Wide Connectivity   DP/Mini-DP port is equipped with Thunderbolt 2 for users with Mac computer. It provides convenient connectivity for Mac users and allows for both audio and video transmission. A DP to mini-DP cable is included in the box for user to connect the computer and the monitor.

Technical Specifications

PD2500Q	
Screen Size	25"
Panel Type	IPS
Resolution (max.)	2560x1440
Brightness	350
Native Contrast	1000:1
Viewing Angle (L/R;U/D) (CR>=10)	178/178
Response Time	4ms (G2G)
Display Colors	16.7 million
Color Gamut	100% sRGB/Rec.709
Color Bit	8 bits
I/O	HDMI 1.4x1 DP 1.2x1 miniDP 1.2x1 DP-out(MST)x1
Cables	HDMI x1, DP to miniDP x1, USB3.1 cable x1
USB hub	USB 3.1 Gen x 4

About BenQ

Founded on the corporate vision of "Bringing Enjoyment 'N' Quality to Life", BenQ Corporation is a world-leading human technology and solutions provider aiming to elevate and enrich every aspect of consumers' lives. To realize this vision, the company focuses on the aspects that matter most to people today – lifestyle, business, healthcare and education – with the hope of providing people with the means to live better, increase efficiency, feel healthier and enhance learning. Such means include a delightful broad portfolio of people-driven products and embedded technologies spanning digital projectors, monitors, interactive large-format displays, digital cameras and camcorders, mobile computing devices, and lighting solutions. Because it matters.