

Intelli Proof 213



ugra certification



12 bit precision



Zero Defects Policy*



3 years warranty



certified march 06



Remote Proof Ready



no defects in a 45 landscape center, max 2 in the remaining area



In the actual reviews of hardware calibrated TFTs the Quato Intelli Proof 21 scored No. 1 in Germany, Sweden and the US.



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Proof-display with automatic 12 bit hardware calibration

Quato Intelli Proof TFT-display

Intelli Proof displays are perfectly suited for all graphic professionals and have been developed with the demands of the graphic arts business in mind. The integrated direct USB-hardware calibration adjusts whitepoint, gamma and luminance with 36 bit precision, based on 48 bit numerics. The user friendly iColor Display software is easy to use and makes the complete calibration process a snap. The sophisticated software and hardware - combined with the 30 bit color output - ensures highly precise soft proofs.

- › 30 bit internal and external color
- › 36 bit internal precision with 48 bit software precision
- › direct USB-control of the 3x 10 bit LUT on 12 bit basis and the luminance inside the monitor
- › up to 250 cd/m² luminance, contrast 550:1
- › iColor Display 2 calibration software and hood included
- › precise 4 - channel colorimeter optional available
- › ugra display analysis and certification integrated into the Software
- › SWOP® certification integrated into the Software
- › reference mode for exact monitor to monitor matching

Features

Precise adjustments

The Quato iColor Display Software adjusts the Intelli Proof's internal calibration processing unit with up to 36 bit resolution. Instead of 100-256 steps with a software calibration, this solution uses up to 4096 steps to optimize the display's performance. Additionally the monitor is able to show 1024 gray or billions of colors by using a frame modulation technology. These features and the precise calibration algorithm ensure an average color deviation inside the gamut of below 2 DeltaE LAB.

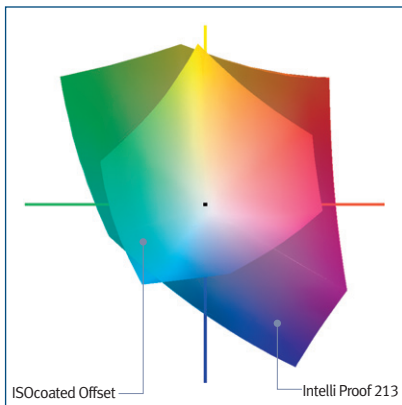
Software

iColor Display not only adjusts the monitor automatically, it also sports many professional features: without changing the profile data, the user can adjust the curves for RGB visually to even match the displays colors better to any print out. The calibration results can be verified and allow to judge the displays's performance. A unique calibration restore function is also available. A gamut projection with a/b diagramm - in comparison to the offset printing reference ISOcoated - is included, too.

Picture quality

Thanks to the pure digital DVI-connection, the Intelli Proof's display performance is always perfect. Crisp images, high contrasts and smooth gradients are now available on the desktop. The dual domain S-IPS Panel combines 1600 by 1200 pixel resolution, 30 bit output and high viewing angles. It allows to show a double A4 page on one monitor. The Intelli Proof 213 is therefore the ideal monitor for every color confident working environment and is the perfect replacement for calibrated CRTs.

Display and gamut



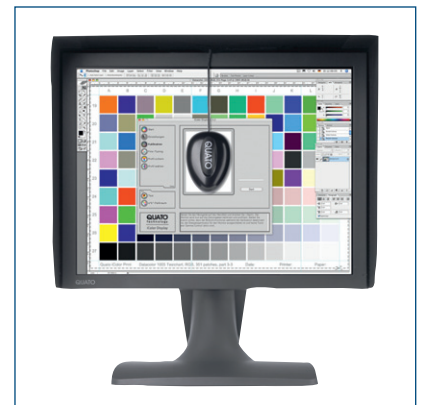
Absolute colorimetric gamut projection

The absolute colorimetric projection shows the high matching of the display's gamut with the offset reference and allows perfect soft proofs.



SWOP® and UGRA certification built-in

For the first time ever, the integrated SWOP® certification allows users to certify the display right after the calibration procedure.



Precise color calibration

The optimal partner for the combination of Intelli Proof monitor and iColor Display 2 software is the precise Silver Haze Pro colorimeter (optional).

Specifications

Panel type

Dual-Domain S-IPS

Panel size, speed, viewing angle

21.3" - 54cm, 25ms
170° horizontal / vertical

Contrast and brightness

550:1, 250cd/m² (typical)

Native resolution and colors

1600 x 1200 Pixel @ 30bit (Frame-Modulation)

Frequencies

Horizontal 30- 92kHz, vertical 50 - 85Hz

Connection

1x digital DVI-D, 1x VGA, USB-port for calibration, internal USB-Hub 1up/2down (bus powered), VESA-mount

Ergonomics

Swivel: -75° to +75°
Tilt: -5° to +15°
Height adjustment: 0-6 cm
Portrait function (with selected graphics cards)

Operating systems

Mac OS X from 10.3
Windows XP32, Vista 32/64

Pixel error policy

ISO 13406-II
no defects in the screen center

Waranty

36 month (EC only)

Dimensions and weight

480 mm x 520 mm x 220 mm (w/o hood)
11kg (w/o hood)

Power consumption

Max. 60 watts in use, 3 Watt (off)

EMI-certifications

TCO 95, TÜV-type approved, FCC, CE, UL

Calibration

Automatic USB-hardware calibration with 3x 12 bit Look-Up Table and luminance (backlight brightness) inside the monitor, ugra display certification built-in

Software

automatic hardware calibration, RGB-curve adjustments, LUT- or Matrix/TRC-profile, DeltaE (LAB) certification of the profile, check if the profile is valid, a/b gamut projection in comparison to ISOcoated offset printing reference, SWOP® certification built-in

Measurement device

Optional 4-channel Silver Haze Pro colorimeter

Supported measurement devices

Gretag Macbeth Eye-One series, Silver Haze Pro colorimeter, X-Rite DTP-94, Monaco Optix (XR), Datacolor/Colorvision Spyder 2/3

Part number

080201 Intelli Proof 213 Pro
Monitor, software, hood, sensor

Intelli Proof 213 Basic
Monitor, software, hood



Specifications are subject to change without notice