

## Intelli Proof 240 *LE*



10 bit precision



3 years warranty



### HD ready proof-display with automatic 10 bit DDC/ci hardware calibration

#### Quato Intelli Proof TFT-display

Intelli Proof displays are perfectly suited for all graphic art workflows. The integrated direct DDC/ci-hardware calibration adjusts whitepoint, gamma and luminance with 30 bit precision, based on 36 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 color output and smooth gradient.

- › 30 bit internal and external color
- › direct control of the 3x 10bit LUT and the luminance inside the monitor
- › up to 400 cd/m2 luminance, contrast 1000:1
- › iColor Display LE calibration software and hood included
- › precise 4 - channel colorimeter optional available

# Features

## Precise adjustments

The Quato iColor Display Software adjusts the Intelli Proof's internal calibration processing unit with 30 bit resolution. Instead of 100-256 steps with a software calibration, this solution uses 1024 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 low color a precise color reproduction and smooth gradients

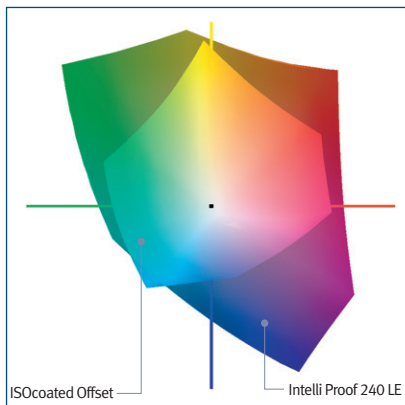
## Software

iColor Display 2 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

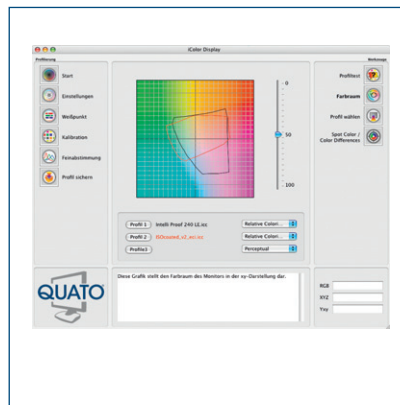
Thanks to the pure digital DVI-connection, the Intelli Proof's display performance is always perfect. Crisp images, high contrasts and smooth gradients are now available on the desktop. The A-MVA combines 1920 by 1200 pixel resolution, 30 bit output and high viewing angles. It allows to show a complete A3 page plus tools on one monitor. The Intelli Proof LE 240 is therefore the ideal monitor for every color confident working environment in graphic arts and photography.

# Display and gamut



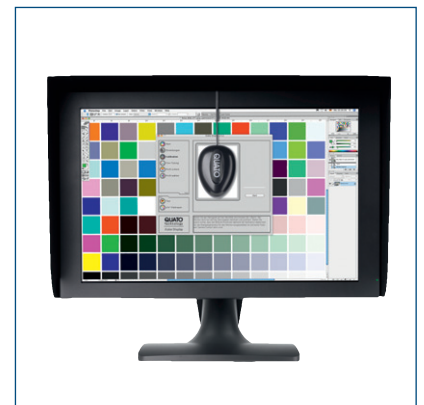
## Absolute colorimetric gamut projection

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



## iColor Display LE

iColor Display LE makes the calibration very easy on the one hand and offers professional features on the other hand.



## Precise color calibration

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

# Specifications

## Panel type

A-MVA (advanced MVA)

## Panel size, speed, viewing angle

24" - 60,1cm, 12ms, 178° H/V  
0.27mm pixel pitch, 98dpi

## Contrast and brightness

1000:1, 400cd/m<sup>2</sup> (typical)

## Native resolution and colors

1920 x 1200 Pixel @ 30bit (Frame-Modulation)

## Frequencies

Horizontal 30- 92kHz, vertical 50 - 85Hz

## Connection

1x digital DVI-D, 1x analogue VGA, internal active 2 port USB-2.0-Hub, 100mm VESA-mount

## Ergonomics

Swivel: -75° to +75°  
Tilt: -5° to +15°  
Height adjustment: 0-6 cm

## Operating systems

Mac OS X from 10.3.9 ( 10.5.2\* with GMA)  
Windows XP 32, Vista 32

## Pixel error policy

ISO 13406-II  
max. 3 defects

## Waranty

36 month (EC only)

## Dimensions and weight

601 mm x 520 mm x 220 mm (w/o hood)  
15kg (w/o hood)

## Power consumption

Max. 80 watts in use, 0 Watt (off)

## EMI-certifications

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

## Calibration

Automatic DDC/ci-hardware calibration with 3x 10 bit Look-Up Table for whitepoint and tonal response curve plus luminance (backlight brightness) inside the monitor

\* Mac Book, Mac Mini and iMac with Intel GMA900/950/X3100 onboard graphics need at least Mac OS 10.5.2 and the Leopard Graphics Update to use DDC/ci calibration.

## Software

automatic hardware calibration, 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

## 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

080223 Intelli Proof 240 LE Pro  
Monitor, software, hood, sensor

Intelli Proof 240 LE Basic  
Monitor, software, hood



Specifications are subject to change without notice