

Intelli Color 190/201



no defects in a A0 landscape center, max. 2 in the remaining area



ugra Zertifizierung



Zero Defects Policy*



3 year warranty



optimized for L-star

Color savvy 19"/20.1" display with factory calibration

Quato Intelli Color TFT-display

Matching a precision flat panel display with a colorimeter and unique software, Quato introduces the Intelli Color as a professional solution for layout and illustration. Due to its gamma presets the ICC-profile does not need to adapt the gamma curve on the graphic card's lut. This keeps the complete dynamic range. This monitor can also be used as a secondary display in offices wherever true-color representation and a wider color space are required.

- › Gamma 1.8, Gamma 2.2 and L* factory calibration, manual RGB adjustment
- › manual selection of whitepoint, gamma and luminance
- › 30 bit color internal/external
- › up to 270/300 cd/qm2 luminance, contrast 800:1
- › iColor Display 2 calibration software and hood included
- › precise 4 - channel colorimeter optional available
- › ugra display analysis and certification integrated into the Software

Features

Precise adjustments

With only a few steps, the Intelli color is fully calibrated. Just select the desired gamma and adjust the whitepoint in the monitor's OSD and make your selection inside the iColor Display 2 software. Then adjust luminance and start to calibrate. After a few minutes the monitor is calibrated with a precise hardware gamma, luminance and whitepoint. Only slight correction have to be made by the ICC-profile. This ensures a good color performance and avoids gamma correction inside the profile.

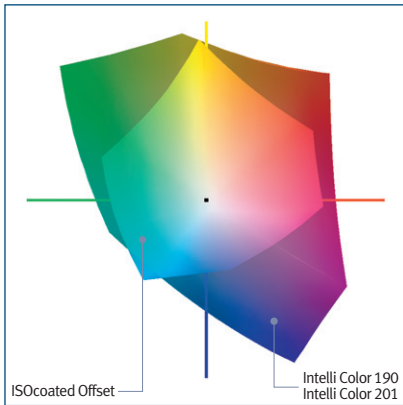
Software features

iColor Display 2 not only adjusts gamma, whitepoint and luminance, 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 profile can be saved as LUT or Matrix table. The calibration results can be verified and allow to judge the displays performance. 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 Color's display performance is always perfect. Crisp images, high contrasts and smooth gradients are now available on the desktop. The S-IPS Panel combines 30 bit output with high viewing angles. It allows to show a complete A4 page plus tools on one monitor. The Intelli Color is therefore the ideal monitor for every color confident working environment and is the perfect replacement for soft calibrated CRTs or a secondary non-calibrated TFT.

Display and gamut



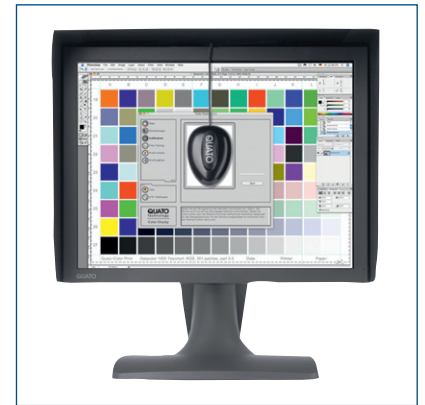
Absolute colorimetric gamut projection

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



UGRA Display Analysis and Certification Tool (DACT)

The integrated UGRA DACT enables the user to analyse and certify the monitor according to the specifications of the UGRA for proof displays.



Precise color calibration

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

Specifications

Panel type

S-IPS

Panel size, speed and viewing angle

19" - 48cm, 16ms, 0.29mm Pixel, 86dpi
20.1" - 51cm, 16ms, 0.25mm Pixel, 99dpi
178° horizontal / vertical

Contrast and brightness

800:1, 270cd/m² / 300cd/m² (typical)

Native resolution and color depth

1280x1024 / 1600x1200 Pixel, 30bit

Frequencies

horizontal 30-92kHz, vertical 50-85Hz

Connections

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

Ergonomics

Swivel: -90° bis +90°
Tilt: -5° bis +35°
Height adjustment: 0-6 cm
Portrait function (with selected graphic boards)

Operating systems

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

Pixel error policy

ISO 13406-II, no defects in the center

Warranty

36 month (EC only)

Dimensions and weight

430 mm x 490 mm x 220 mm (w/o hood)
9kg (w/o hood)

Power consumption

Max. 60 watts (power), 3 watts (off)

EMI-certifications

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

Calibration

Factory calibration to Gamma 1.8, 2.2 and L*
plus manual hardware adjustment of the
luminance (backlight) and the RGB-values

Measurement device

Optional 4-channel Silver Haze Pro colorimeter

Software features

Manual calibration, Curve adjustment, LUT- or
Matrix/TRC-Profil, DeltaE (LAB) certification of
the profile, a/b gamut projection

Supported devices

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

Part number

080356 Intelli Color 190 Pro
Monitor, software, hood, sensor

Intelli Color 190 Basic
Monitor, software, hood

080206 Intelli Color 201 Pro
Monitor, software, hood, sensor

Intelli Color 201 Basic
Monitor, software, hood



Specifications are subject to change without notice