

# Quato Intelli Proof 213 TFT + Quato/X-Rite Colorimeter + Software iColor

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Quato Intelli Proof 213 TFT

## 21.3" Proof-Monitor with automatic 36 bit hardware calibration

The Intelli Proof 213 is the successor of the highly awarded Intelli Proof 21. It is perfectly suited for all graphic professionals and has been developed with the demands of the graphic arts and prepress business in mind. The integrated direct USB-hardware calibration adjusts whitepoint, gamma and luminance with 36 bit precision, based on 48 bit software numerics. The user friendly iColor Proof IP 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
- > direct USB-control of the 3x 10bit LUT and the luminance inside the monitor
- > up to 250 cd/qm luminance, contrast 550:1
- > iColor Proof IP calibration software and hood included
- > precise 4 - channel colorimeter optional available

### Features

#### Precise adjustments

The Quato iColor Proof IP 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 color deviation inside the gamut of below 1?E LAB.

#### Software

iColor Proof IP 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.

#### Picturequality

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.

**Precise color calibration**

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

**Perceptive gamut projection**

This perceptive gamut projection shows that the Intelli Proof's color range encloses the offset printing reference completely.

**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.



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