

Intelli Proof 242 *excellence*



Fogra Cert Softproof



ugra certification



Gamut Plus Technology



16bit 3D LUT



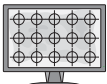
Zero Defects Policy*



3 Years Warranty



Remote Proof Ready



Area Dimming Control



*zero pixel failures in the center (640 x 480), max. 2 defective pixels on the screen

Adobe-RGB and ECI-RGB optimized 102% NTSC Wide Gamut proof display with 16bit 3D hardware calibration and uniformity compensation

The Intelli Proof excellence is perfectly suited for all graphic professionals and photographers which demand a wide color gamut with 98% Adobe-RGB match and 100% ISOcoated v2 match. The integrated direct USB-hardware calibration adjusts whitepoint, gamma and luminance with up to 48bit precision. The user friendly iColor Display software makes the complete calibration process a snap. The true 10bit color rendering ensures vivid colors and smooth gradients for highly precise soft proofs and perfect image editing. Additionally, the integrated ugra UDACT allows a user based certification of the display at any time. Plus, video professionals benefit from the HD compatibility including HDCP, Faroudja Video processing and the simulation of different color standards like SMPTE-C or BT.709.

- › S-IPS Wide Color Gamut TFT with WGCCFL-Backlight, optimized for ECI-RGB
- › ADC - direct 14 area backlight with active 25 area uniformity compensation
- › direct USB-control of the 3x16bit LUT with 48bit precision
- › up to 400cd/m² luminance, contrast 1.000:1
- › Complies to Class A according to the Fogra Cert Softproof Programme
- › iColor Display 3 calibration software incl. UDACT and hood included

Features

Precise adjustments

The Quato iColor Display Software adjusts the Intelli Proof's internal calibration processing unit with up to 42bit resolution. Instead of only up to 256 steps with a software calibration, this solution uses up to 65.353 steps to optimize the display. Additionally the monitor is able to show 1024 gray or billions of colors by using a frame modulation technology. Plus, the ADC uniformity circuit ensures a uniform color and luminance distribution over the whole screen area.

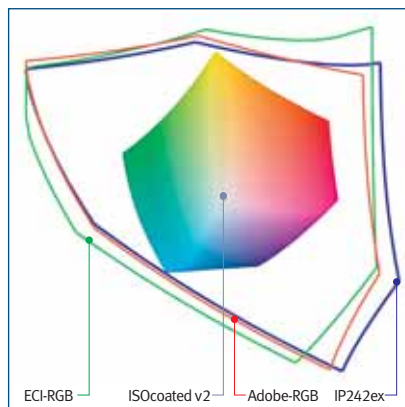
Software features

iColor Display not only adjusts the monitor automatically, it also sports many professional features: the calibration results can be verified by either Quato's internal certification, the ugra-DACHT standard or according to SWOP. That allows an objective judgement of the displays's performance - including the certification for softproofing. A unique calibration restore function is also available. The gamut projection with a/b diagramm - in comparison to up to 2 additional profiles - is included, too.

Softproof and Image Editing

In contrast to other wide gamut displays, the Intelli Proof 240 excellence almost covers both, ECI-RGB and Adobe-RGB. Due to this large gamut, the Intelli Proof excellence is able to reproduce nearly the full ISOcoated v2 gamut and matches Adobe-RGB by around 98%. This makes the display ideally suited for high end photographers with an Adobe-RGB based D-SLR workflow. The large ISOcoated v2 coverage matches the needs of pre press professionals with an ECI-RGB / ISOcoated v2 workflow.

Gamut and Workflow



Colorimetric gamut projection

The relative colorimetric projection shows the perfect match between the display's gamut, the offset reference and ECI-RGB.



Precise color calibration

The optimal partner for the Intelli Proof and iColor Display 3 software is the precise Silver Haze Pro colorimeter (optional). Together with iColor Print incl. certification, iColor Output with Ugra/Fogra MediaWedge and the softproof viewer iColor Proof, a complete color managed workflow is possible.

Specifications

Panel type

Extended Wide Color Gamut advanced S-IPS

Gamutsize and match

102% NTSC (CIE1931)
100% ISOcoated v2 (UDACT)
93% ECI-RGB match
98% Adobe-RGB match

Panel size, speed, viewing angle

24" - 60cm, 51.8x32.4cm visible area,
12ms, 0.27mm pixel pitch, 94dpi,
178° horizontal/vertical

Contrast and brightness

1.000:1, 400cd/m² (typical)

Native resolution and colors

1.920 x 1.200 Pixel @ 30bit native - 2.3mp

Uniformity compensation

Dedicated ADC circuit with active 25 area uniformity control for color and luminance

Frequencies

Horizontal 30- 92kHz, vertical 50 - 85Hz

Connection

1x DVI-D, 1x DVI-I, 1x 10bit DisplayPort,
combined USB-port for calibration and uplink,
internal active 2 port USB-2.0-Hub , 100mm
VESA-mount

Video Support

Faroudja DCDi and MADi Video processing
HDCP via DVI-D/DVI-I

Pixel error policy

ISO 13406-II, plus zero defects in the center

Warranty

36 month (EC only)

Dimensions and weight

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

Power consumption

Max. 60 watts, < 2 watts (standby), 0 watt (off)
EUP regulation compliant

EMI-certifications

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

Operating systems

Mac OS X from 10.3
Windows XP 32, Vista & Windows 7 32/64bit

Calibration

Automatic 48bit USB-hardware calibration with
3x 16bit 3D Look-Up Table and luminance
inside the monitor, dedicated luminance
stability circuit, UDACT display analysis 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

080231 Intelli Proof 242 excellence
(Monitor, software, hood)



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