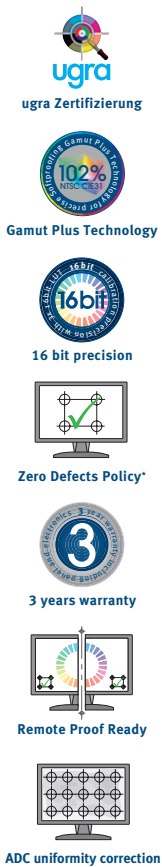


Intelli Proof 240*excellence*



no defects in a A6 landscape center, max 2 in the remaining area

Adobe-RGB and ECI-RGB optimized extended wide gamut proof display with 16 bit hardware calibration and sophisticated uniformity correction

The Intelli Proof excellence is perfectly suited for all graphic professionals and photographers which demand a wide color gamut and an optimal calibration precision. The integrated direct USB-hardware calibration adjusts whitepoint, gamma and luminance with up to 48 bit precision. 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 and smooth gradients. The integrated ugra certification shows a nearby 100% congruency to the ISOcoated v2 reference and recommends the display also for Multicolor and HighBody printing. As the gamut size and shape are optimized for both, ECI-RGB and Adobe-RGB, the Intelli Proof excellence is the perfect tool for reproducing a variety of output devices and matches the workflow for Photography, Prepress and Design based on ECI-RGB or Adobe-RGB. Due to the high precision of the ISOcoated v2 simulation, the Intelli Proof excellence offers contract proofing level softproofs.

- › advanced S-IPS panel with 14 zone direct backlight 102% NTSC gamut volume
- › sophisticated 25 area active uniformity compensation
- › optimized for Adobe-RGB and ECI-RGB with 30 bit internal and external color
- › direct USB-control of the 3x 16bit LUT (48 bit precision) and the luminance inside the monitor
- › up to 400 cd/m² luminance, contrast 1.000:1, 178° viewing angle
- › iColor Display 3 calibration software and hood included, colorimeter available as an option
- › built-in ugra display analysis and certification

Features

Precise adjustments

The Quato iColor Display Software adjusts the Intelli Proof's internal calibration processing unit with up to 48 bit resolution. Instead of up to 256 steps with a software calibration, this solution uses up to 65.536 steps to optimize the display. Additionally the monitor is able to show 1024 gray or billions of colors by using a frame modulation technology. Due to the large gamut, the Intelli Proof excellence is able to reproduce the full gamut based on the specs of the ISO 12647 regulation.

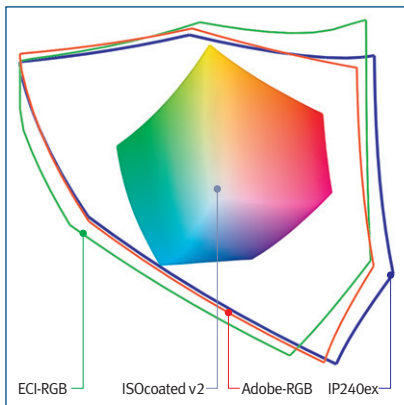
Software

iColor Display not only adjusts the monitor automatically, it also sports many professional features: the calibration results can be verified by the ugra-DACT standard or according to SWOP. That allows an objective judgement of the displays' performance - including the certification for softproofing. The gamut viewer with a/b diagramm and spot color measurement help to make color reproduction even easier, while the the unique whitepoint editor helps to match the screen to a viewing booth.

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 advanced S-IPS Panel combines a HD ready 1920 by 1200 pixel resolution with 30 bit output and high viewing angles. It allows to show a double A4 page plus palettes on one monitor. The Intelli Proof 262 excellence is therefore the ideal monitor for every large format and color confident working environment.

Display and gamut



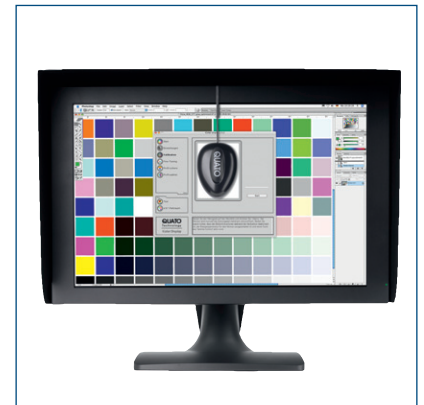
Relative colorimetric gamut projection

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



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 Proof monitor and iColor Display 3 software is the optional Silver Haze Pro colorimeter.

Specifications

Panel type

Extended Wide Color Gamut advanced S-IPS Panel with increased transmission and direct 16 zone CCFL backlight

Gamut and reproduction

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

Panel size, speed, viewing angle

24" - 60cm, 12ms, 178° H/V
0.27mm pixel pitch, 94dpi

Uniformity correction

Area dimming control (ADC) circuit with 25 area active uniformity compensation for color and luminance

Contrast and brightness

1.000:1, 400cd/m² (typical)

Native resolution and colors

1920 x 1200 Pixel @ 30bit (FM)

Frequencies

Horizontal 30- 92kHz, vertical 50 - 85Hz

Connection

1x digital DVI-D, 1x analogue VGA, combined USB-port for calibration and uplink, 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
Pivot: optional

Operating systems

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

Pixel error policy

ISO 13406-II, no defects in the center

Waranty

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. 80 watts in use (@ 400nits), 3 watts in standby-mode, 0 watt if switched off

EMI-certifications

TCO 95, FCC, CE

Calibration

Automatic 48bit USB-hardware calibration with 3x 16 bit Look-Up Table and luminance (backlight brightness) inside the monitor, dedicated luminance and whitepoint stability circuit, ugra/fogra display analysis built-in

Software

automatic hardware calibration, whitepoint editor, LUT- or Matrix/TRC-profile, DeltaE (L*a*b*) certification of the profile and ugra/fogra display analysis, profile validation, a/b gamut projection and L*a*b* slicing, spot color measurement

Measurement device

Optional 4-channel Silver Haze Pro colorimeter

Supported measurement devices

Gretag Macbeth Eye-One Display 1/2 and EyeOne Pro series
Silver Haze Pro colorimeter, X-Rite DTP-94, Monaco Optix XR
Datacolor/Colorvision Spyder 2/3 (Elite)

Part number

080228 Intelli Proof 240 excellence Pro Monitor, software, hood, sensor

Intelli Proof 240 excellence Basic Monitor, software, hood



Specifications are subject to change without notice