The new 55” Radiance® G2 display utilizes the latest LED backlight and 120 Hz refresh rate technology. It also features NDSi’s proprietary Color Correction Technology (CCT), which enables the display to conform to the BT.709 HDTV color standard. The precise color calibration achieved using CCT ensures consistent color response across the entire family of Radiance® G2 displays. Surgeons can now have the clinical confidence that the endoscopic image they view in different rooms and on different size displays are exactly the same. The 55” Radiance® G2 comes standard with two 3G-SDI inputs and an embedded single-fiber input. Plus it is compliant with both the 3rd Edition medical safety standard and RoHS requirements, making it a future-proof investment.
55” RADIANCE® G2
Industry-Leading High-End Surgical Display

PERFORMANCE / FEATURES

- **LCD Panel**: Active Matrix TFT with In-Plane-Switching, LED Backlight 120 Hz
- **Output Luminance (Max)**: 450 cd/m²
- **Output Luminance (Calibrated)**: 350 cd/m² (BT.709)
- **Resolution (H x V)**: 1920 x 1080 (Full HD)
- **Single-Fiber Input (LC x 1)**: Standard Feature
- **3G-SDI Capability**: Comes Standard with Two 3G-SDI Inputs
- **Full Multi-Modality Support**: Yes
- **Gamma**: 1.8, 2.0, 2.2, 2.4, 2.6, Color-Corrected Video Gamma, and PACS
- **“Quick Select” Feature**: New Interface for Quickly Switching Inputs

REGULATORY COMPLIANCE


COLOR CORRECTION TECHNOLOGY (CCT)

NDSi's Color Correction Technology (CCT) is a proprietary dynamic color calibration solution. Pixel-by-pixel color response correction is performed in real-time, resulting in a display that conforms to the BT.709 HDTV color standard. The clinical benefit for surgeons is superior color consistency across all displays, no matter which operating room they are installed in, or which cart they are on.

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Without Color Correction Technology

With NDSi Color Correction Technology