



DICOM Always

Dome displays are fully factory characterized using a NIST-traceable photometer, which provides high quality characterization of diagnostic displays. The characterization data is stored in the panel and allows the display to remain in perfect DICOM calibration for the life of the display. No additional field calibration is ever necessary. You simply open the box, plug it in, and you're ready.



RightCheck

Based on Dome's patent pending sensor technology for optimum remote testing and validation. Our unique technology gives us precise measurements for quick and confident confirmation of DICOM conformance.



Precise DICOM LUTS

Dome displays include precision DICOM lookup tables (LUTs), giving extra fine control of gray shades and near-perfect DICOM conformance. Standard displays fail to provide the precision needed to accurately match the DICOM curve and hence fail to meet the demanding needs of diagnostic imaging.



10-Bit Grayscale

The Dome S10 supports 10-bit and 8-bit grayscale image data through industry standard interfaces. Few other displays offer support for high bit-depth images, and those that do often require the use of proprietary libraries. Dome's 10-bit data paths allow images with 1024 simultaneous shades of gray to display for the most demanding image viewing tasks.



ClearView

The American College of Radiology recommends that "Protective shields on LCDs add to reflections and should not be used if possible." Reflective glass can also reflect backwards onto the display blurring the diagnostic images. Some companies continue to believe adding reflective glass is a feature. We agree with the ACR, image quality comes first, so we don't put reflective glass on our Dome S10 display.



Fanless

Dome S10 displays use intelligent engineering for sleek, low-power, fanless designs. No mechanical fans to fail or draw in dust which can cause electronics to fail prematurely. Lower power, lower heat, lower cost of ownership thanks to Dome's unmatched engineering excellence.



Feather-Light Design

Quality engineering shows in the highly reliable and efficient Dome S10 display. It also shows in its physical design. Efficient cooling, low-power components, and intelligent electronics all contribute to a sleek and lightweight display. Feather light means engineered right!