

Dome® Technology Comparison

Make the *Right* Choice.



	Dome GX2MP 2 MP Color	Dome GX4MP 4 MP Color	Dome E2 2 MP Grayscale	Dome E2cHB 2 MP Color	Dome E3 3 MP Grayscale	Dome E3cHB 3 MP Color	Dome E4c 4 MP Color	Dome E5 5 MP Grayscale	Dome S3c 3 MP Color	Dome S3 3 MP Grayscale	Dome S10 10 MP Grayscale
3-year Warranty	X	X									
5-year Warranty			X	X	X	X	X	X	X	X	X
3-year Backlight Warranty		X									
5-year Backlight Warranty				X		X	X		X		
10-year Backlight Warranty			X		X			X		X	X
10-bit Grayscale			X		X			X		X	X
30-bit Color						X			X		
ClearView	X	X	X	X	X	X	X	X	X	X	X
DICOM Always			X	X	X	X		X	X	X	X
DICOM Assured		X					X				
DisplayPort						X			X	X	
Dual-link DVI	X	X	X	X	X	X	X	X	X	X	X
Fanless	X	X	X	X	X	X	X	X	X	X	X
Feather Light Design	X	X	X	X	X	X	X	X	X	X	X
Green by Design	X	X	X	X	X	X	X	X	X	X	X
Precise LUT		X	X	X	X	X	X	X	X	X	X
RightCheck									X	X	X
RightLight™	X	X	X	X	X	X	X	X	X	X	X
Widescreen Display		X					X				X



3-year Warranty: NDSsi offers a 3 year warranty on our Dome GX displays.



5-year Warranty: NDSsi offers a 5-year standard warranty on our E-series and S-series diagnostic display lines, with options for 3-year and 5-year advanced exchange programs for carefree ownership.



3-year Backlight Warranty: Dome's backlight warranty is the best in the industry with an unsurpassed 3-year backlight warranty on GX4MP display. Our designs warrant unmatched confidence in our technology. Greater reliability from superior design gives you a longer product life.



5-year Backlight Warranty: Dome's backlight warranty is the best in the industry with an unsurpassed 5-year backlight warranty on color displays. Our designs warrant unmatched confidence in our technology. Greater reliability from superior design gives you a longer product life.



10-year Backlight Warranty: Dome's backlight warranty is the best in the industry with an unsurpassed 10-year backlight warranty on grayscale displays. Our designs warrant unmatched confidence in our technology. Greater reliability from superior design gives you a longer product life.



10-bit Grayscale: Dome grayscale displays support 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.



30-bit Color: Rich, 30-bit color allows over a billion different shades to be displayed for viewing even the most subtle hues of color diagnostic images. Brilliant images from blazing speed.



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 displays.



DICOM Always: Dome displays are fully factory characterized using a NIST-traceable photometer, providing the highest quality characterization of any diagnostic display. 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.



DICOM Assured: Dome E4c displays are fully factory characterized using a NIST-traceable photometer, providing the highest quality characterization of any diagnostic display. The characterization data is stored in the panel and allows the display to remain in perfect DICOM calibration for the life of the display. With CXtra software, you simply open the box, plug it in, and you're ready.



DisplayPort: Dome S3c supports full-bandwidth, native DisplayPort for blazing speed and flexible display formats. With DisplayPort, the Dome S3c can support full 30-bit color using the latest high-performance graphics controllers.



Dual-link DVI: Dome supports open standards, allowing our customers to choose from the latest high-performance video controllers. We believe in open technology standards that deliver the most flexible and comprehensive solution to the customer. Supporting open architectures is harder for us, but better for you.



Fanless: Dome 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 displays. 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!



Green by Design: At NDSsi, we believe real sustainability means considering the full product lifespan, not only the product's manufacturing. Dome displays comply with international environmental standards such as RoHS, REACH, and WEEE directives, but our products are also designed to deliver high performance with remarkably low power consumption, leaving a smaller carbon footprint behind. Being Earth-friendly begins at the factory, but it doesn't end there.



Precise LUT: 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.



RightLight™: RightLight™ monitoring provides proven backlight stabilization and automatic DICOM compliance. RightLight™ is constantly monitoring your system to provide displays that are always ready for diagnostic viewing.



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.



Widescreen Display: Widescreen displays offer dual-head functionality in a single package.