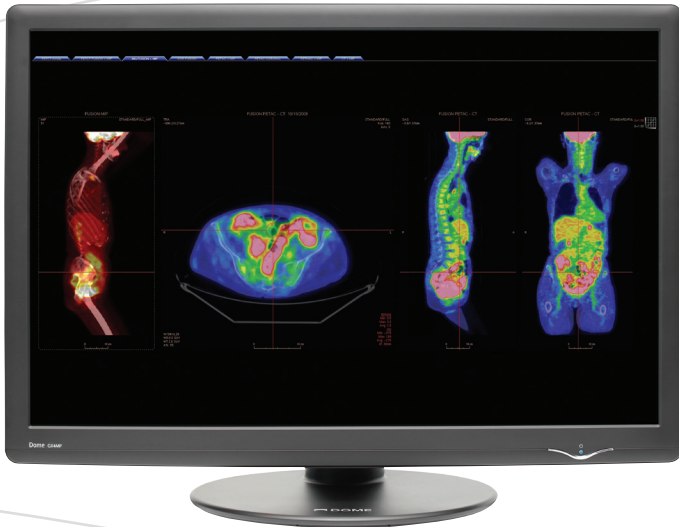


DOME GX4MP


4MP Clinical Color Display





The **Dome GX4MP** is a 30-inch widescreen display offering multi-modality viewing in both color and grayscale. The GX4MP is ideal for reading PET-CT, MRI, Nuclear Medicine, Ultrasound and Pathology, as well as CR and DR.


- Widescreen 4MP color display
- CXtra™-controlled DICOM for life
- Flexible, lightweight, low-power design
- Quality image viewing without reflective glass



 **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.

 **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 GX4MP display.

 **DICOM Assured:** Dome GX4MP 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. With CXtra software, you simply open the box, plug it in, and you're ready.

 **Fanless:** Dome GX4MP 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.

DOME GX4MP

4MP Clinical Color Display



LCD CHARACTERISTICS

Technology	TFT AMLCD Dual Domain IPS, 3 subpixels per pixel
Screen Size	30.0" (756.2 mm)
Display Resolution	2560 x 1600 Landscape
Pixel Pitch	251µm, 101 DPI
Viewing Angle	178° horizontal and vertical
Response Time	6 ms typical

OPTICAL CHARACTERISTICS

Brightness	370 cd/m ² typical
Default Calibrated	250 cd/m ²
Contrast Ratio	1,000:1 typical
DICOM LUT	OS LUTs with 0.4 JND precision
DICOM Characterization	LCD panels individually factory characterized with a NIST-traceable photometer. Characteristic data is stored in the display and remains available throughout the product life.
DICOM Calibration	DICOM calibration performed by Dome CXtra™ using the RightLight™ internal photometer and automatically maintained for the life of the display.
DICOM Conformance Testing	DICOM conformance maintained by RightLight™ internal photometer. Independent conformance testing using Dome CXtra™ with an external photometer.

PANEL CONNECTIVITY

Video Input	Dual Link DVI-D
Pixel Data Sizes	8-bit, 16-bit, and 24-bit per pixel color
VGA	640 x 480 x 1600 x 1200
Compatibility	
USB Interface	Built-in USB 2.0 HUB on monitor

PHYSICAL CHARACTERISTICS

Display Size without stand (H x W x D)	27.6" x 18.8" x 3.3" (702mm x 477mm x 83mm)
Weight without stand	20 lbs (9.1 kg)
Weight with stand	27 lbs (12.2 kg)
Mounting Options	100 x 100 mm VESA mounting standard. Desktop stand includes height, pivot, swivel, and tilt adjustment.
Power Input	100 to 240 VAC 50-60 Hz
Power Consumption	105 Watts typical
Operating Range	10 to 35 degrees C













CERTIFICATIONS

Medical	FDA 510(k) cleared, K120709
Safety & EMI	UL, cUL, FCC, CE, CCC, VCCI
Environmental	RoHS, WEEE, REACH

SERVICE AND SUPPORT

Warranty	5-year standard warranty
Backlight	3-year standard warranty

Specifications may vary based on specific customized solution requirements.

- 4MP color display 
- RightLight™ monitoring for DICOM conformance 
- Clear images without reflective glass 
- Factory characterized for life 
- High-precise DICOM LUT 
- Widescreen for two displays in one 
- Green by design 
- Low-power, fanless design 
- Feather-light, small footprint design 
- World-class warranty 
- Industry-leading backlight warranty 
- High-speed, dual-link DVI 



Corporate Headquarters
 5750 Hellyer Avenue
 San Jose, CA 95138 (USA)
 Tel: 408 776 0085
 Toll Free: 866 637 5237
 Email: info@ndssi.com

Europe
 Nijverheidscentrum 28
 2761 JP Zevenhuizen (ZH)
 The Netherlands 
 Tel: + 31 180 63 43 56
 Email: info-emea@ndssi.com

Asia Pacific
 Sea Fort Square/Center Building, 8F
 2-3-12 Higashi-Shinagawa
 Shinagawa-ku Tokyo, Japan 140-0002
 Tel: + 81 3 5781 8292
 Email: info@ndssi.jp