



Dome GX46

FEATURES:

- > 46" high-bright color display
- > Full 1080p HD resolution
- > DVI and analog connectivity
- > Non-reflective front cover
- > Fanless, low noise design
- > Remote control
- > VESA mounting
- > DICOM calibration for PACS

Dome's GX46 is a 46-inch high-bright color display ideal for imaging in operating rooms, surgery suites, and other space-constrained environments. This space-saving display can be wall mounted and its large screen provides true high definition so images can be accurately viewed from across the room. This is complemented by a wide viewing angle and a high contrast ratio of 1200:1. The GX46 comes with an anti-reflective faceplate that protects the display from improper physical contact and makes safe cleaning easier when the display is used in harsh environments. Because there is no cooling fan in the display, noise and the potential spread of airborne particles is reduced. It comes with Dome CXtra software for DICOM calibration. Its true 1920x1080 resolution makes it possible to complete the transition to a true digital environment and brings PACS into the Operating Room.



> High-Bright. High Contrast Ratio.



> DICOM Calibrated Surgical Display





SPECIFICATIONS:	
<b>Display</b>	
Technology	Direct View LCD
Screen Diagonal	46-inch (103.3cm)
Native Display Resolution	1920 x 1080
Pixel Pitch	0.530mm x 0.530mm
Backlight Lifetime	>60,000 hours
<b>Optical Characteristics</b>	
Viewing Angle (CR>10)	178°
Response Time	8ms
Brightness	500 cd/m <sup>2</sup>
Contrast Ratio	1200:1
Colors	16.8 Million (8 bit per color)
Color Gamut	100% EBU; 72% NTSC
Color Temperature Settings	3200K, 5500K, 6500K, 8500K, User
Display Orientation	Landscape (horizontal) or portrait (vertical)
Image Processing	Tiling, Zooming and Viewports
<b>Connectivity and Control Options</b>	
Digital Input	DVI with loop through
Analog Input	VGA (D-SUB 15) with loop through
Supported Resolutions	640x480-1920x1080, HDTV 720p, 1080i/p
Frame Lock	48 - 62Hz
Manual Display Control Options	OSD, Remote Control (IR)
Computer Controlled Display Setup	Via RS232 connection
Monitor Status	Front LED
Sensors	Ambient light sensor
<b>Power and Environmental</b>	
Input Voltage	100-120/200-240V AC, 50-60Hz
Power Consumption	~275 W
Ventilation	Passive, fanless
Noise	minimal (no mechanically moving parts)
Operating Temperature Range	32°-95°F (0-35°C)
Operating Humidity Range	20-80% RH non-condensing
Protective Panel	Glass with AG/AR coating
Power Saving Options	DPMS, User configurable schedule
<b>Physical Characteristics</b>	
Display Size without Stand	43.1x25.1 (109.47cm x 63.75 cm)
Weight without Stand	94lbs (42.3kg)
Mounting Interface	VESA MIS F, 600x200,200, M10 screw
Mounting Options	Wallmount, ceiling, table stand
<b>Compliance and Certifications</b>	
Regulatory	CE, FCC Class A, ICES-003 Class A, RoHS
Safety & Emission	EN55022; EN55024; EN60905, CISPR22

(Specifications may vary based on specific customized solution requirements.)

**North American Corporate Offices**

5750 Hellyer Avenue  
San Jose, CA 95138  
USA  
Tel: 408.776.0085  
Email: info@ndssi.com

**U.S. East Coast Office**

Dome Products  
400 Fifth Avenue  
Waltham, MA 02451  
Phone: -781-895-1155  
Fax: 781-895-1133  
Email: info@ndssi.com

**European Offices**

Nijverheidscentrum 28  
2761 JP Zevenhuizen (ZH)  
The Netherlands  
Tel: 31 180 63 43 56  
Email: info@ndssi.nl

**Asia Pacific Offices**

1st Fl., RISE Building,  
5-13, Asakusabashi 5-Chome,  
Taito-Ku, Tokyo, Japan, 111-0053  
Tel: 81 3 6420 3031  
Email: info@ndssi.jp

© 2008, NDS Surgical Imaging. Products may not be available in all markets and are subject to the regulatory or medical practices that govern individual markets. Always refer to the package insert, product label and/or user instructions before using any NDSsi product. Contact your NDSsi representative for more information. Products referenced with <sup>™</sup> designation are trademarks of NDSsi. Products referenced with <sup>®</sup> designation are registered trademarks of NDSsi.

