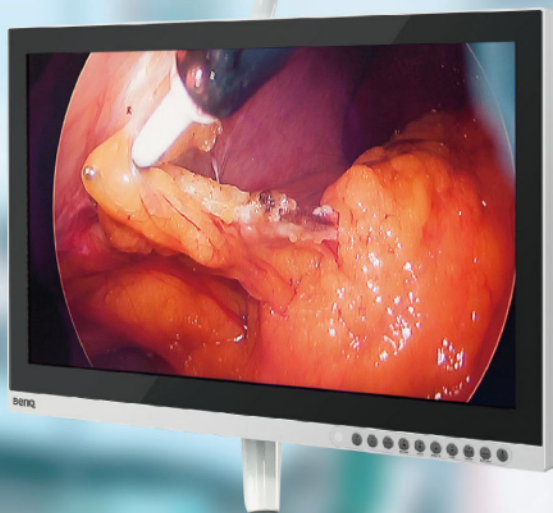


Medical Display

Precision Medical Professionals Can Trust



Medical Display MD/ SE Series



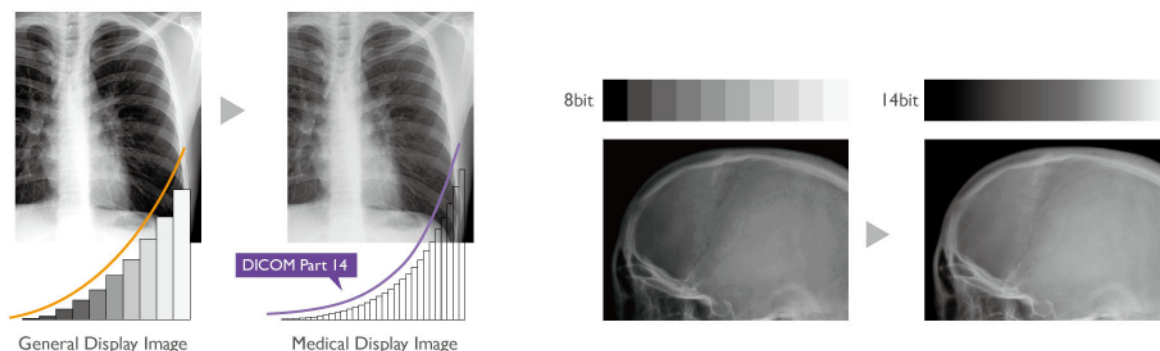
Because it matters

Diagnostic Display MD Series



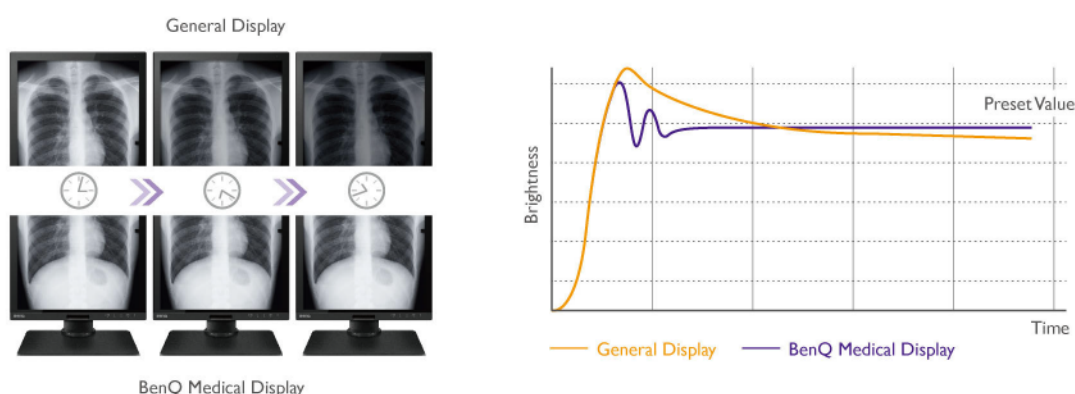
DICOM-Compliant Grayscale Images

Because BenQ's diagnostic Display conforms to DICOM Part 14, it is able to render accurate grayscale images that are consistent across all devices so that radiologists and other specialists have a reliable basis for assessment and diagnosis. Additionally, 14-bit capability offers clear visuals with expanded grayscale and color palettes, letting radiologists quickly discover irregularities in a patient's condition during both routine and emergency examinations.



Stable and Precisely Controlled Luminance

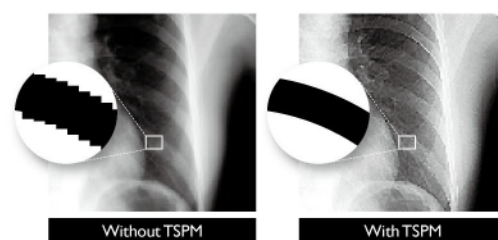
BenQ's Diagnostic Display can achieve an ideal brightness level within moments of powering on and maintain it during use. The advanced sensors continuously track luminance to maintain DICOM conformance and ensure the Diagnostic Display offers clear, vivid images that help radiologists detect even the smallest progressions in a patient's status.



Maximal Sharpness

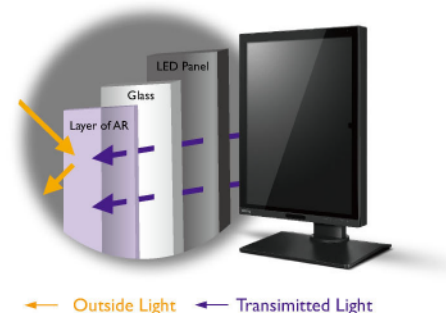
By smartly employing the subpixels that make up each pixel, True Sub-Pixel Manipulation (TPSM) lets the BenQ Diagnostic Display perform on-the-fly anti-aliasing and render images with exceptional crispness.

*Available with MD310G



Clearer View for Diagnostic Accuracy

Covered with a double anti-reflective coating glass, the Diagnostic Display's screen delivers reduced glare and enhanced light transmission to provide users with an optimum view. The screen is also easy to clean and comes with antimicrobial treatment to prevent the growth of infection-causing germs.



Reading Room



MRI/CT Room



Clinics Room



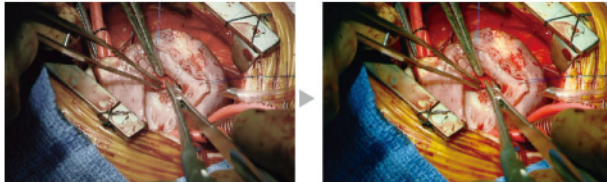
Radiography Room

Surgical Display SE Series

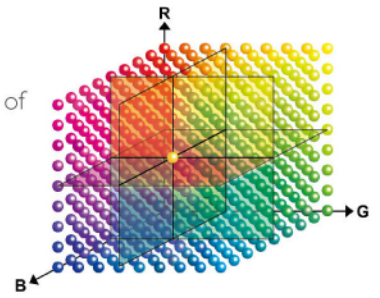


Accurate Color and Grayscale Rendering

Featuring a 14-bit 3D color lookup table, the Surgical Display makes even the slightest of color variations easily perceptible. The accurate colors provided by the 3D LUT allow surgeons to identify even minor distinctions of hue, making important details more noticeable during both routine operations and emergency surgeries.

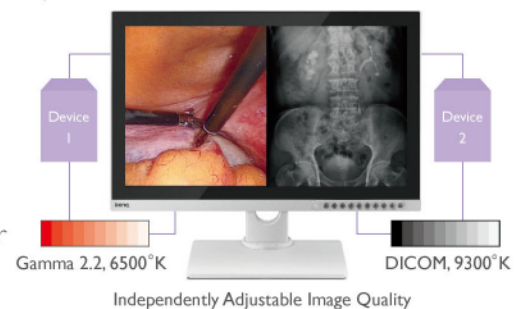


Reproduce a Slight Color Change of Image More Vividly.



Dual-Source Display

Surgeons can display two independent video sources side-by-side on a single monitor with Picture-By-Picture mode, or use Picture-In-Picture mode to place one source in a smaller window. Additional viewpoints allow physicians observe problem areas from multiple angles while their eyes remain focused on a single screen. And for ultimate flexibility, the display allows color temperature and gamma values to be adjusted independently for each source.



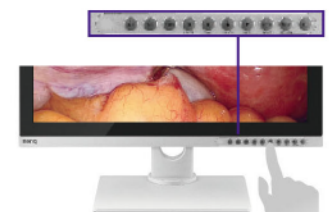
Normal and Mirror Viewing Options

By combining a pair of Surgical Displays with a single output device, operators can present both a normal view and a mirror image. This feature can provide separate views for different surgeons or two views for a single surgeon as needed.



Multiple Customizable Profiles

Capability to hold up to 10 user profiles ensures all users can optimize their workflow, while accessible front panel buttons facilitate rapid switching between user-defined display settings.



IPX3 Water Resistance

The front panel's IPX3-rated housing with anti-bacterial coating and scratch-resistant glass protect the internals from damage by liquids while also making cleaning and disinfection easy.



Fanless Design

The fanless design results in a lighter, more compact device that's better suited to the operating room environment, while also reducing the risk of circulating airborne pathogens.



Fanless Design reduces the risk of circulating airborne pathogens.



Surgery and Endoscopy Centre



Operating Room



MD Series Product Spec

Model Name		MD210G	MD310G	MD310C
LCD Panel	Type	Monochrome	Monochrome IPS	Color IPS
	Panel Size (diagonal)	20.1" (51.1cm)	21.3" (54.1cm)	21.3" (54.1cm)
	Mega Pixels	2MP	3MP	3MP
	Native Resolution (H x V)	1600 x 1200	2048 x 1536	2048 x 1536
	Pixel Pitch (H x V)	0.255 x 0.255 mm	0.2115 x 0.2115 mm	0.2115 x 0.2115 mm
	Viewing Angle (H,V)	170° / 170° @ CR>10 (Typ)	176° / 176° @ CR>10 (Typ)	176° / 176° @ CR>10 (Typ)
	Response Time	30 ms (Typ)	40 ms (Typ)	40 ms (Typ)
	Brightness	400 cd/m ² (Calibrated) / 1000 cd/m ² (Typ)	400 cd/m ² (Calibrated) / 1700 cd/m ² (Typ)	400 cd/m ² (Calibrated) / 800 cd/m ² (Typ)
	Contrast Ratio	1400:1 (Typ)	1400:1 (Typ)	1400:1 (Typ)
Connectivity	Input Terminals	VGA x 1, DVI-D x 1, DisplayPort x 1	DVI-D (Dual link) x 1, DisplayPort x 1	DVI-D (Dual link) x 1, DisplayPort x 1
	USB Ports / Standard	1 upstream, 2 downstream / Rev. 2.0	1 upstream, 2 downstream / Rev. 2.0	1 upstream, 2 downstream / Rev. 2.0
Power Supply	Power Input	AC 100-240V, 50~60 Hz	AC 100-240V, 50~60 Hz	AC 100-240V, 50~60 Hz
	Power Consumption	55W (Maximum)	80W (Maximum)	95W (Maximum)
Physical	Screen Protection	Protective, Double AR Coating Glass		
	Dimensions with stand (W x H x D)	Portrait: 369 x 523~593 x 264.9 mm Landscape: 490.4 x 462.2~532.2 x 264.9 mm	Portrait: 369 x 523~593 x 264.9 mm Landscape: 490.4 x 462.2~532.2 x 264.9 mm	Portrait: 369 x 523~593 x 264.9 mm Landscape: 490.4 x 462.2~532.2 x 264.9 mm
	Net weight with stand	Approx. 10.3 kg	Approx. 10.9 kg	Approx. 11 kg
Certification and Compliance		cTÜVus (ANSI/AAMI ES 60601-1, CAN/CSA C22.2 No. 60601-1), CB (IEC 60601-1, IEC 60950-1), TUV/RH (EN 60601-1), CE MDD, FDA 510(k), FCC, CCC, BSMI, TFDA, VCCI, RoHS, WEEE, REACH		
Supplied Accessories		DVI-D Cable, USB cable, Power Cord, Manual CD, QSG	DVI-D Cable (Dual link), DisplayPort Cable, USB cable, Power Cord, Manual CD, QSG	DVI-D Cable (Dual link), DisplayPort Cable, USB cable, Power Cord, Manual CD, QSG
Optional Software		MI QA		

SE Series Product Spec

Model Name		SE2610I
LCD Panel	Type	Color IPS
	Panel Size (diagonal)	26" (66.1cm)
	Native Resolution (H x V)	1920 x 1080
	Pixel Pitch (H x V)	0.300 x 0.300 mm
	Display Colors	10-bit, 1.07 billion colors
	Viewing Angle (H,V)	178° / 178° @ CR>10 (Typ)
	Response Time	18 ms (Typ)
	Brightness	450 cd/m ² (Typ)
	Contrast Ratio	1400:1 (Typ)
Connectivity	Inputs	DVI-D x2, DisplayPort x1, 3G-SDI x1, VGA x1, RGBS/YpPr x1, S-Video x1, Composite x1
	Outputs	3G-SDI x1, RGBS / YpPr x1, S-Video x1, Composite x1
Control Inputs	Serial Remote	RS-232C, D-sub 9-pin x1
DC Power Output	DC Out 5V, 1A	Round type pin (female) x1 (For powering an external equipment)
Power Supply	Power Input	DC 24V, 3.75A (Supplied from AC adapter)
	Power Consumption	80W (Maximum)
Physical	Screen Protection	Protective, Double AR Coating Glass
	Water Proofing Level	IPX3 (front side)
	Dimensions with stand (W x H x D)	638 x 471.7 ~ 541.7 x 264.9 mm
	Dimensions w/o stand (W x H x D)	638 x 409.5 x 90.2 mm
	Net weight with stand	Approx. 12.6 kg
	Net weight w/o stand	Approx. 8.6 kg
Mounting		100 x 100, 200 x 100 mm VESA compliant
Certification and Compliance		cTÜVus (ANSI/AAMI ES 60601-1, CAN/CSA C22.2 No. 60601-1), CB (IEC 60601-1, IEC 60950-1), TUV/RH (EN 60601-1), CE MDD, FCC, CCC, BSMI, TFDA, IP33 (IPX3 only the front side), RoHS, WEEE, REACH
Supplied Accessories		Power Adapter, DVI-D Cable, S-Video Cable, Power cord, Manual CD, QSG, Display Stand



Quality Today and Tomorrow

A generous warranty* attests to BenQ's dedication to quality and long-term commitment to serving the health care field.
*Specific warranty terms may vary by country and region.

BenQ Corporation
16 Jihu Road Neihu, Taipei 114, Taiwan
Tel : +886-2-2727-8899
Fax : +886-2-2799-8332
Email : LCD.B2B@BenQ.com
<http://business-display.benq.com>