



Leading Medical Imaging Display



BEACON

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Create Value, Share Benefit



Company Profile

Shenzhen Beacon Display Technology Co., Ltd. is a national high-tech enterprise dedicated to medical display technology innovation and application, which provides professional solutions for medical imaging application including transmission, management, display & human machine interface. It is the subsidiary of Zhejiang Jingxin Pharmaceutical Co., Ltd. (stock code 002020).

Beacon has been widely identified by the market. Many world-class medical imaging equipment manufacturers have chosen Beacon as the strategic ODM partner such as GE, Philips, Siemens, Hitachi, Canon, United Imaging, Mindray, Sonoscape etc. For standard off the shelf medical display Beacon currently holds about 50% market share in domestic market, more than 5000 hospitals are using Beacon's product now; The products are exported to about 100 countries worldwide.

Persisting in "Creating value and sharing benefit", Beacon would like to make continuous efforts to grow up together with all partners and becoming a global leading brand of professional solution provider for display and human machine interface in medical imaging area.

- **Strong R&D**

Dedicated to professional display research and development more than 20 years, having very good sustainable innovation capability.

- **Top Product Quality**

According with the highest international medical image display standards, fully meet the requirements of hospital application.

- **Excellent Market Support**

Meet comprehensive international regulations, wide sales network and technical support.

- **Professional Customized Capability**

Provide customized products fully meet specific requirement from customer.



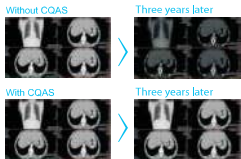
Uniformity Calibration Technology (UCT)
The Uniformity Calibration Technology contributes to a smoother image through balancing the fluctuations in luminance and chromaticity on different parts of the screen.



Before technical treatment After technical treatment



Continuous Quality Assurance System (CQAS)
With integrated front sensor, grayscale and color can be monitored and calibrated. The display accuracy of medical image is continuous automatically assured, and can also be network centralized managed.



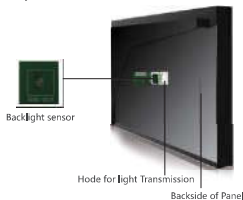
Hybrid Gamma Adaptive System (HGAS)
The Color and grayscale images can be automatically recognized based on the image content, diagnostic accuracy and reliability are ensured by automatically matching the best display modes.



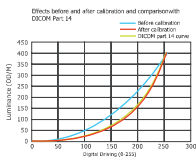
Ambient Light Adaptive System (ALAS)
With built-in integrated front ambient sensor, the ambient environment can be monitored continuously, the brightness can be adjusted to a proper level automatically to ensure the display is compliant with DICOM standard under any ambient environment. The diagnostic accuracy is increased and discomfort and eye-strain can also be avoided.



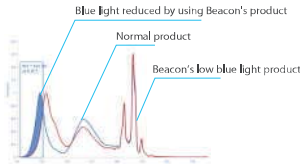
Backlight Stabilization System (BSS)
With built-in integrated back light sensor, the backlight can be monitored continuously. This achieves stable brightness rapidly at start-up and automatically compensates the brightness fluctuations caused by ambient temperature change and luminance attenuation after long time usage. The brightness uniformity of the display can be maintained throughout the entire life cycle.



Compliant with DICOM Standard
Medical images including the most subtle details can be displayed precisely. Keep display consistency between different displays as well as display and different imaging modalities, ensure the accuracy of diagnosis.



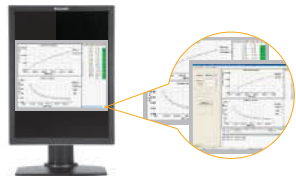
Low Blue Light Technology (LBLT)
Blue light is a part of the short-wave light in the spectrum, which is abundant in the normal display screen. Long-term exposure to blue light is the main cause of maculopathy. The main symptoms of maculopathy are central visual impairment and visual deformity. Over 50% of the blue light can be cut down by low blue light technology, the risk of macular degeneration can be significantly reduced.



Power-on Self-Test (POST)
AAPM TG-18 test patterns can be automatically presented after startup, which is very convenient for the user to make DICOM compliance test.



Quality Assurance Software
Compliant with the latest QA standard, ensure image quality and consistency of the display in real-time. The embedded QA make it possible to process QA test on the display itself very conveniently.



Spot Light Function (SLF)
The spot light can be focused on specific image area to highlight the subtle lesions that help the doctor to have a closer examination.



Independent Gamma Function (IGF)
Different luminance is required when reading an image or a report. Independent Gamma Function makes it possible to adjust proper luminance on different split screens based on the display content, it relieves the eye-strain when reading medical images and reports simultaneously.



Primary Screen Adaptation (PSA)
In a workstation environment, the doctor can concentrate on the primary screen effortlessly while the luminance of neighbor monitors is automatically dimmed.





Solution for Intelligent Image Reading Center

Healthy Reading Intelligent Interaction



Advantage of Intelligent Image Reading Center Solution

Comfortable and healthy reading environment



Scientific and reasonable layout design

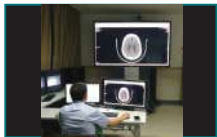


Reading environment optimization and control



Professional reading platform and lighting system

Intelligent interaction for multiple application scenarios



8MP realtime & nondestructive interactive display



Telemedicine



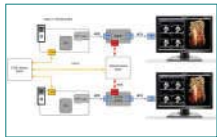
Wireless projection



Film projection



Remote collaboration



Nondestructive interaction among any workstations



Image switching system



Centralized calibration system




Mobile diagnosis (DICOM image)




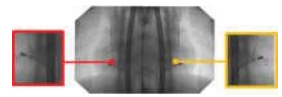
Solutions for DSA Operating Room


Visualized Viewing Operation Precisely

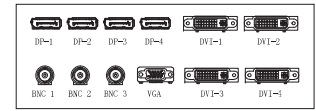
 High performance one 55" display instead of multiple small screens




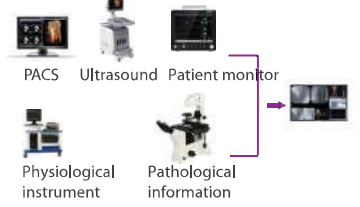
 4Kx2K display with wide view angle, viewing from multiple angle without distortion




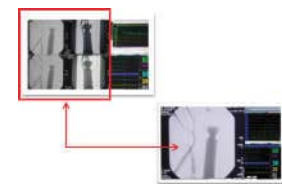
 Up to 12 channels video signal inputs, and display 8 windows simultaneously
Support long distance transmission (up to 30m).




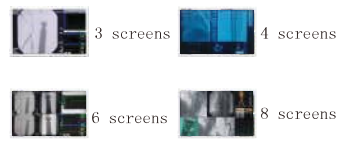
 Support multiple auxiliary inputs from different modalities such as ultrasound, patient monitor, multichannel Physiological Instrument, PACS, pathology, etc.




 Support Zoom In and Zoom Out images





 Display size and number of display windows can be configured with high flexibility





Advantages

 **Easy matching**
Matching with various types of high-end C-arm equipment from GE, Philips, Siemens, Canon, Shimadzu, etc.

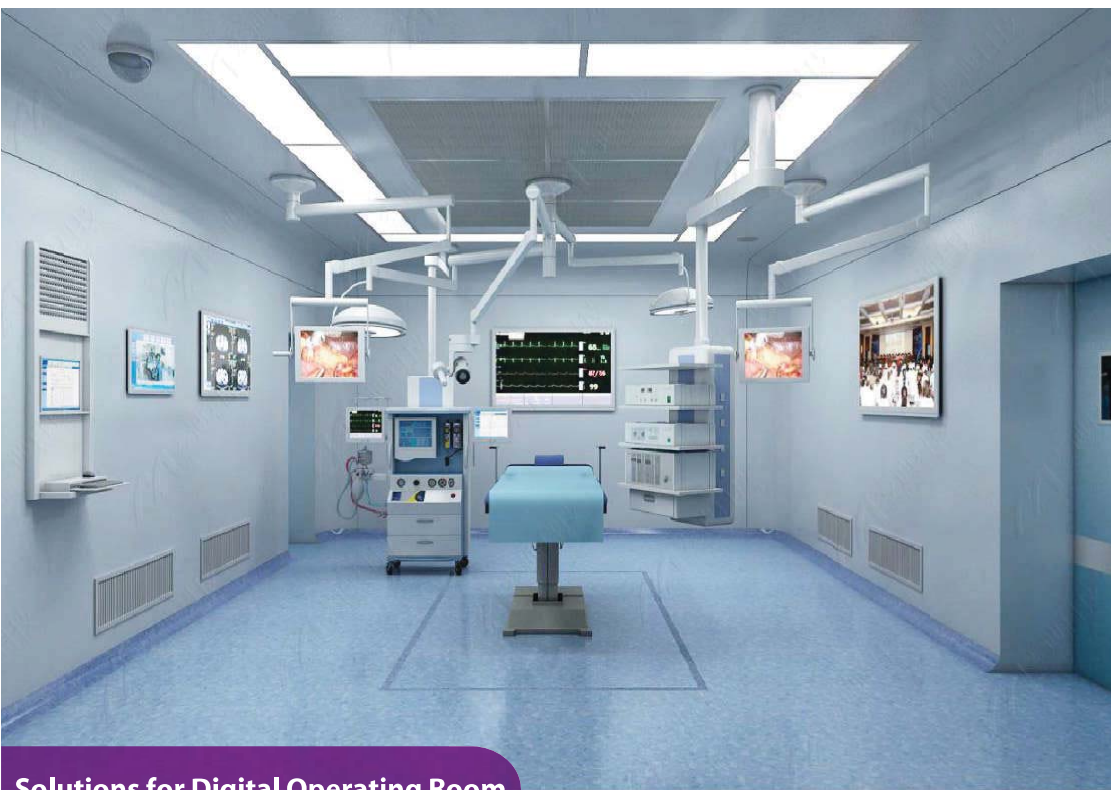
 **High safety**
Multiple guarantees by duplicate power supply and backup display.

 **Readily available screen layout**
Remote control function: the 55" display and control panel can be remote interacted through a 8.4" control panel. The user can switch different layout very conveniently, touch for glove mode is supported.

 **Display images in real time**
Ultra-low latency video processing technology make it possible to display operation image in real time.

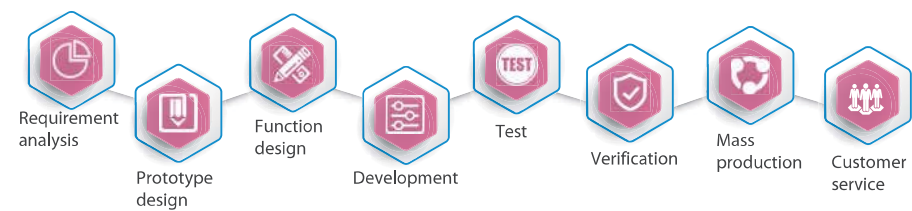
 **Anti-splash liquid design**
With added silicone design to the front bezel, the display is protected to avoid damage from liquids splashing during the operation.

 **Global verified**
Dozens of S551 products are successfully installed and used in both domestic market and abroad, accept unanimous recognition from global customers.

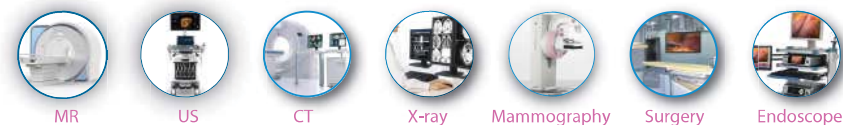


Solutions for Digital Operating Room

Customized Solution



Display · Transmission · Management · HMI



Advantages

Long cable transmission technology

Optical bonding

Low reflection technology

Support multiple display modes

Color calibration technology

Waterproof, dustproof, easily clean

Multiple Options

A wide range of technical solutions, meet almost all requirements in the application field of medical imaging area.

Excellent Performance

Value added solution with quick response and high-quality delivery.

Higher Efficiency

With three R&D sites, three manufacturing bases, global support.

Cost Effective

Powerful supply chain management system, vertical integration, in China for global.

Diagnostic Display



Product Model	C44W+	C61W+	C81W+	C82W+	C83W+
Product Name	4MP Integrated Dual-screen Display	6MP Integrated Dual-screen Display	8MP Integrated Dual-screen Display	8MP Integrated Dual-screen Display	8MP Integrated Dual-screen Display
Display size	30"	30"	31.1"	31.5"	27"
Support color	1,07 Billion	1,07 Billion	1,07 Billion	1,07 Billion	1,07 Billion
Resolution	2560 x 1600	3280x2048	4096 x 2160	3840x2160	3840x2160
View angle	178° Typ.	170° Typ.	178° Typ.	178° Typ.	178° Typ.
Brightness	700 cd/m² Typ.	1050 cd/m² Typ.	850 cd/m² Typ.	900 cd/m² Typ.	800 cd/m² Typ.
Contrast	1000: 1 Typ.	1000: 1 Typ.	1450: 1 Typ.	1700:1 Typ.	1000:1 Typ.
Input signal interface	DVI- D: 24 pin * 2 DisplayPort: 20 pin * 2 VGA * 1	DVI- D: 24 pin * 2 DisplayPort: 20 pin * 2 VGA * 1	DVI- D: 24 pin * 2 DisplayPort: 20 pin * 2 VGA * 1	DVI- D: 24 pin * 2 DisplayPort: 20 pin * 2 VGA * 1	DVI- D: 24 pin * 2 DisplayPort: 20 pin * 2 VGA * 1



Product Model	C22S+/C22SP+	G22S+/G22SP+	G23S+/G23SP+	C32S+/C32SP+	G32S+/G32SP+	G52S+/G52SP+	C53S+/C53SP+	G53S+/G53SP+
Product Name	2MP Color Medical Display	2MP Grayscale Medical Display	2MP Grayscale Low Blue Light Medical Display	3MP Color Medical Display	3MP Grayscale Medical Display	5MP Grayscale Medical Display	5MP Color Low Blue Light Medical Display	5MP Grayscale Low Blue Light Medical Display
Display Size	21.3"	21.3"	21.3"	21.3"	21.3"	21.3"	21.3"	21.3"
Support Color	1,07 Billion	4096 Grayscale	4096 Grayscale	1,07 Billion	4096 Grayscale	4096 Grayscale	1,07 Billion	4096 Grayscale
Resolution	1600 x 1200	1600 x 1200	1600 x 1200	2048 x 1536	2048 x 1536	2560 x 2048	2560 x 2048	2560 x 2048
View Angle	178° Typ.	176° Typ.	178° Typ.	178° Typ.	170° Typ.	170° Typ.	178° Typ.	178° Typ.
Brightness	1000 cd/m² Typ.	2000: 1 Typ.	1900 cd/m² Typ.	1000 cd/m² Typ.	2000 cd/m² Typ.	1200 cd/m² Typ.	1150 cd/m² Typ.	3000 cd/m² Typ.
Contrast	1800: 1 Typ.	1800: 1 Typ.	1800: 1 Typ.	1500: 1 Typ.	1500: 1 Typ.	1200: 1 Typ.	2000: 1 Typ.	2000: 1 Typ.
Input Signal Interface	DVI- D: 24 pin VGA: D- Sub 15 pin DisplayPort: 20 pin	DVI- D: 24 pin VGA: D- Sub 15 pin DisplayPort: 20 pin	DVI- D: 24 pin VGA: D- Sub 15 pin DisplayPort: 20 pin	DVI- D: 24 pin DisplayPort: 20 pin	DVI- D: 24 pin DisplayPort: 20 pin	DVI- D: 24 pin DisplayPort: 20 pin	DVI- D: 24 pin DisplayPort: 20 pin	DVI- D: 24 pin DisplayPort: 20 pin
	C22SP+ with professional protective glass	G22SP+ with professional protective glass	G23SP+ with professional protective glass	C32SP+ with professional protective glass	G32SP+ with professional protective glass	G52SP+ with professional protective glass	C53SP+ with professional protective glass	G53SP+ with professional protective glass

Clinical Display



Product Model	C14S	C14ST	G11S	C24S+	C22W/C22WT
Product Name	1MP Color Medical Display	1MP Color Medical Display	1MP Grayscale Medical Display	2MP Color Medical Display	21.5" Multi-function Clinical Display
Display Size	19"	19"	19"	21.3"	21.5"
Support Color	16.7M	16.7M	1024 Grayscale	1.07 Billion	16.7M
Resolution	1280 x 1024	1280 x 1024	1280 x 1024	1600 x 1200	1920 x 1080
View angle	178° Typ.	178° Typ.	178° Typ.	178° Typ.	178° Typ.
Brightness	300 cd/m² Typ.	330 cd/m² Typ.	1300 cd/m² Typ.	500 cd/m² Typ.	250 cd/m² Typ.
Contrast	1000: 1 Typ.	1000: 1 Typ.	1000: 1 Typ.	1800: 1 Typ.	1000: 1 Typ.
Input Signal Interface	DisplayPort: 20pin DVI-D: 24pin VGA: D-sub 15pin	DisplayPort: 20pin DVI-D: 24pin VGA: D-sub 15pin Audio	DisplayPort: 20pin DVI-D: 24pin VGA: D-sub 15pin Video(SOG): BNC IN BNC OUT	DisplayPort: 20pin DVI-D: 24pin VGA: D-sub 15pin	DisplayPort: 20pin DVI-D: 24pin VGA: D-sub 15pin Audio; 3.5mm stereo jack Speaker: 5W * 2
	With touch support				C22WT with touch support



Product Model	H2321	HL2316SHA HL2316SHTB	HL2416SH HL2416SHT	C43W+
Product Name	All-in-one medical computer	23.8" Multi-function Clinical Display	24" Multi-function Clinical Display	27" Multi-function Clinical Display
Display Size	23.8"	23.8"	24"	27"
Support Color	16.7M	16.7M	16.7M	1.07 Billion
Resolution	1920 x 1080	1920 x 1080	1920 x 1200	2560 x 1440
View Angle	178° Typ.	178° Typ.	178° Typ.	178° Typ.
Brightness	600 cd/m² Typ.	600 cd/m² Typ.	600 cd/m² Typ.	500 cd/m² Typ.
Contrast	1000: 1 Typ.	1000: 1 Typ.	1000: 1 Typ.	1000: 1 Typ.
Input Signal Interface	USB 2.0*6 USB 3.0*2 LAN *2 WLAN/Bluetooth v4.0	DisplayPort: 20pin DVI-D: 24pin USB IN USB OUT	DisplayPort: 20pin DVI-D: 24pin USB IN USB OUT	DVI-D 24pin*2 DisplayPort: 20 pin*2 VGA: D-sub 15 pin
	HDMI 1.4 OUT DP 1.1 OUT	HL2316SHTB with touch support	HL2416SHT with touch support	

Endoscope & Surgical Display



Product Model	E150	E190	E2421	E2721	S2421P	S262P/S263P
Product Name	15" Endoscope Medical Display	19" Endoscope Medical Display	24" Endoscope Medical Display	27" Endoscope Medical Display	24" Surgical Medical Display	26" Surgical Medical Display
Display Size	15"	19"	24"	27"	24"	26"
Support Color	16.2M	16.7M	16.7M	1.07 Billion	16.7M	1.07 Billion
Resolution	1024 x 768	1280 x 1024	1920 x 1200	1920 x 1080	1920 x 1200	1920 x 1080
View Angle	170° Typ.	178° Typ.	178° Typ.	178° Typ.	178° Typ.	178° Typ.
Brightness	350 cd/m² Typ.	300 cd/m² Typ.	600 cd/m² Typ.	700 cd/m² Typ.	600 cd/m² Typ.	450/600 cd/m² Typ.
Contrast	2500: 1 Typ.	1000: 1 Typ.	1000: 1 Typ.	1000: 1 Typ.	1000: 1 Typ.	1400: 1 Typ.
Input Signal Interface	DVI-D: 24 pin VGA: D-Sub 15 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4	DVI-D: 24 pin VGA: D-Sub 15 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4	DVI-D: 24 pin VGA: D-Sub 15 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4 Fiber: FC(Optional)	DVI-D: 24 pin VGA: D-Sub 15 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4 Fiber: FC(Optional)	DVI-D: 24 pin VGA: D-Sub 15 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4 3G-HD-SDI: BNC Fiber: FC(Optional)	DVI-D: 24 pin VGA: D-Sub 15 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4 3G-HD-SDI: BNC Fiber: FC(Optional)
Output Signal Interface	DVI-D: 24 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4	DVI-D: 24 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4	DVI-D: 24 pin DC5V*1	DVI-D: 24 pin DC5V*1	DVI-D: 24 pin 3G-HD-SDI: BNC DC5V*1	DVI-D: 24 pin 3G-HD-SDI: BNC DC5V*1 S262P: CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4
					With professional protective glass	With professional protective glass



Product Model	S271P/S271T	S421	S551	S2781P	S3181P	S5581/S5581T
Product Name	27" Surgical Medical Display	42" Surgical Medical Display	55" Surgical Medical Display	4K Surgical Medical Display	4K Surgical Medical Display	4K Surgical Medical Display
Display Size	27"	42"	55"	27"	31.1"	55"
Support Color	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion
Resolution	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160	4096 x 2160	3840 x 2160
View Angle	178° Typ.	178° Typ.	178° Typ.	178° Typ.	178° Typ.	178° Typ.
Brightness	700 cd/m² Typ.	700 cd/m² Typ.	700 cd/m² Typ.	750 cd/m² Typ.	625 cd/m² Typ.	700 cd/m² Typ.
Contrast	1000: 1 Typ.	1300: 1 Typ.	1400: 1 Typ.	1400: 1 Typ.	1500: 1 Typ.	1400: 1 Typ.
Input Signal Interface	DVI-D: 24 pin VGA: D-Sub 15 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4 3G-HD-SDI: BNC Fiber: FC(Optional)	DVI-D: 24 pin VGA: D-Sub 15 pin CVBS: BNC S-VIDEO: DIN4 YPbPr: BNC*3 RGBS: BNC*4 3G-HD-SDI: BNC Fiber: FC(Optional)	DVI-D: 24 pin*4 Display Port: 20pin*4 CVBS: BNC*3 VGA: D-Sub 15 pin	DVI-D*1 (Single link) DVI-D*1 (Dual link) DP 1.2*1 3G-SDI*1 HDMI 2.0*1	DVI-D: 18 pin/24 pin*1 Display Port: 20pin*1 3G-SDI: BNC*5 HDMI: 2.0 *1	DVI-D: 18 pin/24 pin*1 Display Port: 20pin*1 HDMI: 2.0 *1 S5581: 3G-SDI: BNC*5 S5581T: 3G-SDI: BNC*1
Output Signal Interface	DVI-D: 24 pin 3G-HD-SDI: BNC DC5V*1 S271T with touch support S271P with professional protective glass	DVI-D: 24 pin 3G-HD-SDI: BNC DC5V*1	DC5V*4	DVI-D: 24 pin 3G-HD-SDI: BNC DC5V*1 With professional protective glass	DVI-D: 24 pin 3G-HD-SDI: BNC DC5V*1 With professional protective glass	DVI-D: 24 pin 3G-HD-SDI: BNC DC5V*1 S5581T with touch support

Medical Image Consultation Center



Product Model	M552T	M652T	M862T	M982T
Product Name	55" Medical Image Consultation Center	65" Medical Image Consultation Center	86" Medical Image Consultation Center	98" Medical Image Consultation Center
Display Size	55"	65"	86"	98"
Support Color	1.07 Billion	1.07 Billion	1.07 Billion	1.07 Billion
Resolution	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160
View angle	178° Typ.	178° Typ.	178° Typ.	178° Typ.
Brightness	500 cd/m² Typ.	450 cd/m² Typ.	500 cd/m² Typ.	500 cd/m² Typ.
Contrast	1300:1 Typ.	1400:1 Typ.	1200:1 Typ.	1300:1 Typ.
Input signal interface	DVI-D: 24 pin * 2 DisplayPort: 20 pin DIP: 19 pin	DVI-D: 24pin Display Port: 20pin	DVI-D: 24pin * 2 DisplayPort: 20 pin * 2	DVI-D: 24pin DisplayPort: 20 pin
	Touch support & electronic whiteboard	Touch support & electronic whiteboard	Touch support & electronic whiteboard	Touch support & electronic whiteboard

Ultrasound Image Display



Product Model	U122W	U131W	U152S	U156W	U185W	U215W	U238W
Product Name	12.1" ultrasound color LCD display	13.3" ultrasound color LCD display	15" ultrasound color LCD display	15.6" ultrasound color LCD display	18.5" ultrasound color LCD display	21.5" ultrasound color LCD display	23.8" ultrasound color LCD display
Display size	12.1"	13.3"	15"	15.6"	18.5"	21.5"	23.8"
Support color	16.7M	16.2M	16.2M	16.2M	16.7M	16.7M	16.7M
Resolution	1280x800	1920x1080	1024x768	1920x1080	1920x1080	1920x1080	1920x1080
View angle	170° Typ.	170° Typ.	170° Typ.	160° Typ.	178° Typ.	178° Typ.	178° Typ.
Brightness	500 cd/m² Typ.	300 cd/m² Typ.	350 cd/m² Typ.	300 cd/m² Typ.	250 cd/m² Typ.	250 cd/m² Typ.	250 cd/m² Typ.
Contrast	750:1 Typ.	800:1 Typ.	2500:1 Typ.	700:1 Typ.	1000:1 Typ.	1500:1 Typ.	1000:1 Typ.
Input signal interface	DVI-D: 24 pin VGA: D-Sub 15 pin HDMI: 18 pin	DVI-D: 24 pin VGA: D-Sub 15 pin HDMI: 18 pin	DVI-D: 24 pin VGA: D-Sub 15 pin HDMI: 18 pin	DVI-D: 24 pin VGA: D-Sub 15 pin HDMI: 18 pin	DVI-D: 24 pin VGA: D-Sub 15 pin HDMI: 18 pin	DVI-D: 24 pin VGA: D-Sub 15 pin HDMI: 18 pin	DVI-D: 24 pin VGA: D-Sub 15 pin HDMI: 18 pin



Partners



Certification Authority, Top Quality

The company has a sound quality management system passing the quality management system (ISO9001 : 2015), the medical device industry quality management system (ISO13485 : 2016), environmental management system (ISO14001 : 2015), occupational health and safety management system (OHSAS18001 : 2007) to ensure product quality and sustainable development .

Our products have passed CCC, CE, FDA, TUV, UL etc international certifications, product quality fully meet international standards .



Awards

GE: The world's most competitive supplier
Philips and Neusoft: The excellent supplier
Siemens: The best cooperation partner
Mindray: The best supplier/Mindray material training supplier
United Imaging:The best supplier
Canon: The excellent supplier