

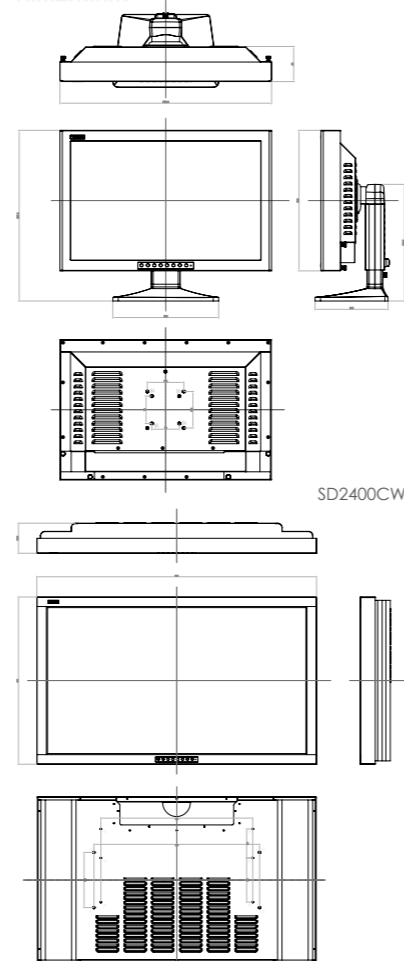
Technical Specifications

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		SD2400CW	SD4200CW
LCD Panel	Type	a-si TFT LCD	a-si TFT LCD
	Native Resolution (HxV)	1920x1200	1920x1080
	Active Display Area (HxV)	518.4 x 324.0mm(24", diagonal)	930.2x523.3mm(42", diagonal)
Visual Characteristics	Colors	16.8 millions	16.8 millions
	Color Gamut	102% NTSC	76% NTSC
	Viewing Angle (HxV)	178o x 178o	178o x 178o
	Response Time (Typical)	14 mseconds	5 mseconds
	Diagnostic View Mode	Clearbase, Text, sRGB, User	Bluebase, Clearbase, Text, sRGB, User
	Brightness (Typical)	400cd/m2	500cd/m2
	Contrast Ratio (Typical)	1300:1	1300:1
Input Connectivity	Light Sensor	Built-in (SBC)	Built-in (SBC)
	Composite	RCA(x1), NTSC, PAL	RCA(x1), NTSC, PAL
	S-video	4-pin DIN (1x), NTSC, PAL	4-pin DIN (1x), NTSC, PAL
	Component/RGB	BNC (x3)	BNC (x3)
	RGB H/V sync	BNC (x5)	BNC (x5)
	DVI	DVI-D (x1)	DVI-D (x1)
	PC RGB	15-pin D-sub (x1)	15-pin D-sub (x1)
	Sync-On-Green	BNC (x1)	BNC (x1)
	(HD-) SDI input	BNC (1x), HD	BNC (1x), HD
	Serial Remote	RS232C, 9-pin DIN	RS232C, 9-pin DIN
Output	USB	One Upstream/Two Downstreams	One Upstream/Two Downstreams
	Composite	RCA(x1)	RCA(x1)
	S-video	4-pin DIN (x1)	4-pin DIN (x1)
	DVI	DVI-D (x1)	DVI-D (x1)
	PC RGB	15-pin D-sub (x1)	15-pin D-sub (x1)
	SDI output	BNC (x1)	BNC (x1)
	Ext Sync	BNC (x1)	BNC (x1)
	Horizontal Scan Frequency	30-90KHz (15.75KHz for CVBS)	30-90KHz (15.75KHz for CVBS)
	Vertical Scan Frequency	50-85Hz (WUXGA, UXAG@60Hz)	50-85Hz (WUXGA, UXAG@60Hz)
	Maximum Bandwidth	195MHz	195MHz
Supported Resolutions & Formats	PC	VGA up to WUXA	VGA up to WUXA
	Video	Composite, S-video, HDTV(480i/p, 720p, 1080i/p), HD SDI	Composite, S-video, HDTV(480i/p, 720p, 1080i/p), HD SDI
Image Processing	Motion Adaptive Deinterlacing	Up to 1080i	Up to 1080i
	LAI (Low angle Interpolation)	o	o
	XC/XL	o	o
	3D Comb Filter	o	o
	DICOM compliance	o	o
	Picture-in-Picture (PIP)	o	o
	Picture-by-Picture (PBP)	o	o
	PIP/PBP Swapping	o	o
	Monochrome SOG	o	o
	Grayscale Mode	o	o
Power Supply	Connector Type	5-pin Socket with locking	AC outlet Socket
	Power Requirement	DC 24V@6.25A, AC100-240V±10%, 50/60Hz	AC100-240V±10%, 50/60Hz
	Power Consumption (Typical)	120 Watts	225 Watts
Wall Mounting	VESA MIS F, 100x100mm, 4		
Weight (Typical)	10kg (Without standbase)	27kg (Without standbase)	
Operational Temperature	0oC to 35oC (32oF to 95oF)		
Operational Humidity	10% to 80%		
Storage Temperature	-20oC to 60oC (4oF to 140oF)		
Regulations	Safety	UL60601-1, IEC/EN60601-1, CE, CCC	
	EMC/EMI	FCC class B, EN60601-1-2, EN55022 class B, EN61000-3-2, MIC, VCCI, CCC	
Supplied Accessories	DC Power Adaptor, AC Power Cord, Instruction Manual, CD-ROM, Warranty Card, VGA Cable, RCA-to-BNC cable, BNC Cable, BNC-to-component cable, S-video cable, Composite cable		
Optional Accessories	Tilt Stand-base, BNC-to-BNC cable, HD-SDI, Optical Cable (10m) with Tx/Rx module,	Table Stand-base, BNC-to-BNC cable, HDSDI, Optical Cable (10m) with Tx/Rx module	

Unit: mm(inches)

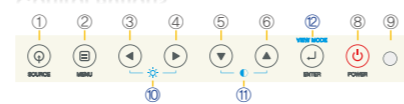
Dimensions



SD2400CW

SD4200CW

Control Buttons



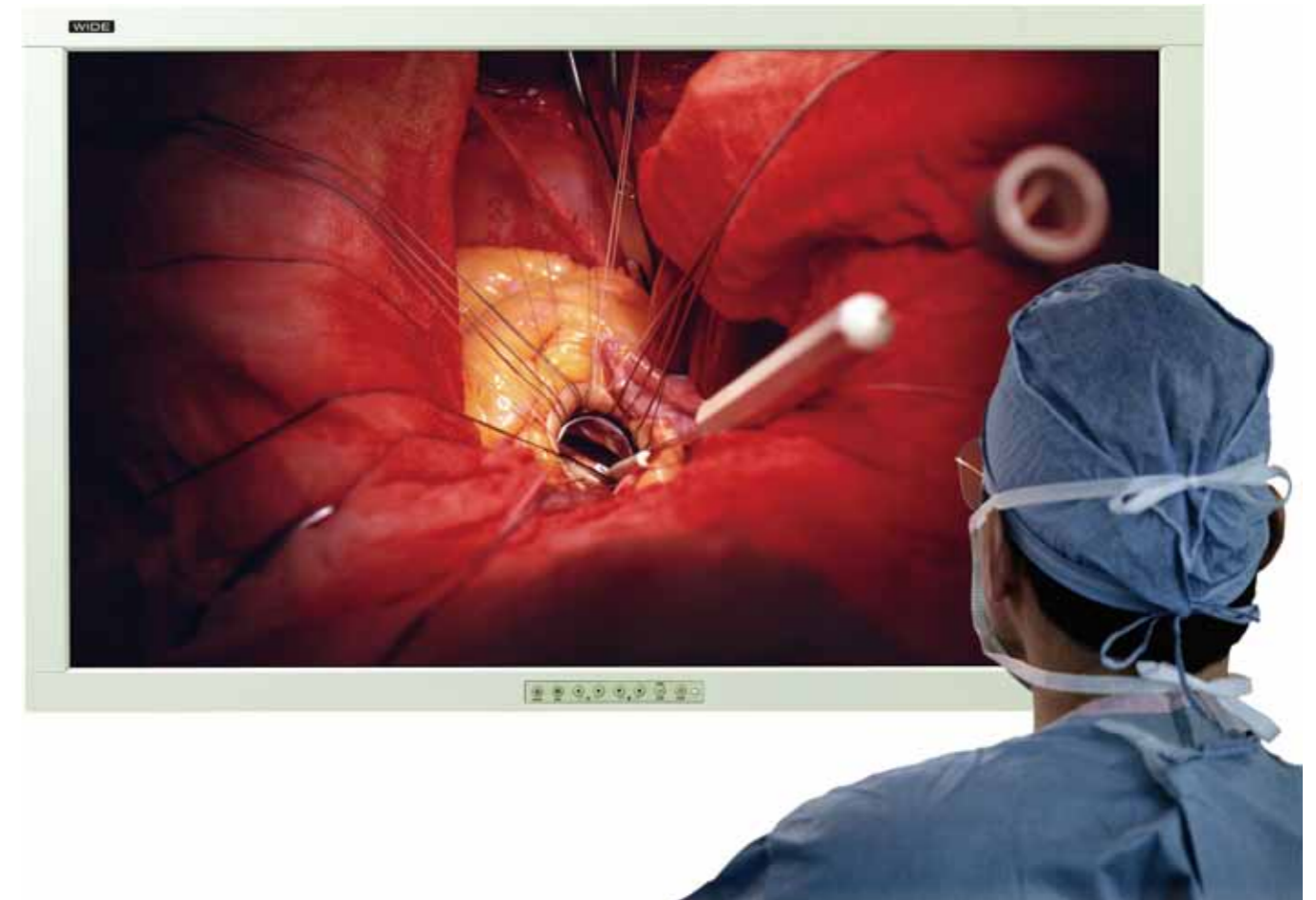
- ① Source
- ② Menu
- ③ Arrow-Left
- ④ Arrow-Right
- ⑤ Arrow-Up
- ⑥ Arrow-Down
- ⑦ Enter
- ⑧ Power button
- ⑨ LED Power indicator
- ⑩ Brightness (Hot key)
- ⑪ Contrast (Hot key)
- ⑫ Diagnostic View (Hot key)



Maximum Visual Precision

24-inch Full HD SD2400CW 42-inch Full HD SD4200CW

High Advanced Surgical Color LCD Display



Full HD 1080P SD2400CW

Full HD 1080P SD4200CW

WIDE's New SD series of Full HD resolution LCD display has been specifically designed for use in the surgery application. The SD family delivers precise, pure and natural look of blood expression, clear and crisp image quality on the full HD 24", 42" screen.

Both models are capable to display Full high definition format resolution through versatile source connectivity based on high advanced digital image processing technology.

An embedded diagnostic purposed feature set can be extended their application in a wide variety applications not only for surgery application but also general diagnostic purpose.



WIDE Corporation

456, Gomae-dong, Giheung-gu, Youngin, Gyeonggi-do, 446-901, Korea
Tel: +82.31.218.1600 Fax: +82.31.274.7400 e-mail: info@widecorp.com

WIDE USA

2882 Walnut Avenue, Unit A, Tustin, CA 92780
Tel: +1.714.734.9433 Fax: +1.714.734.9431 e-mail: sonny.hong@widecorp.com

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WIDE EU

Hullenbergweg 413 1101, CS Amsterdam Zuidoost, The Netherlands
Tel: +31.20.311.9797 Fax: +31.20.311.9790 e-mail: steve@widecorp.com

WIDE JAPAN

3-1-4 Plustaria 2F, Shin-Yokohama, Kouhoku-ku, Yokohama-shi, Kanagawa, 220-8505, Japan
Tel: +81.45.473.7398 Fax: +81.45.473.7330 e-mail: ksh@widecorp.com

Maximum Visual Precision for the Operating Room

More dedicated and exceptional displays

The WIDE's New SD series of display has been engineered for maximum visual precision. It delivers world's top class of image quality to meet precise standards for accuracy and reliability that set new benchmarks.

The SD series display has been designed to reach the exceptional requirement of surgery application with superior image performance, reliability, and great usability.

Furthermore, the SD series display offers great contrast ratio, color expression associated with great color gamut expression coverage, and wide viewing angle performance. We are confident the New SD series display deliver a great of satisfaction into your workstation in the operating room.



SD2400CW

SD4200CW

Fanless and Low Noise

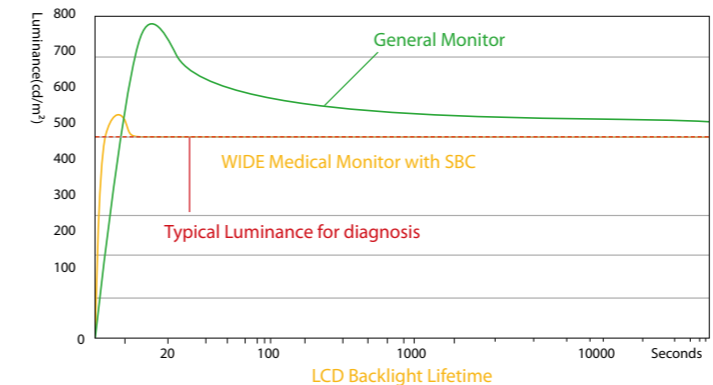
The fanless design of SD series display keeps very quite level of noise, which is great not to allow even a small level of interference by noise as well as the possibility of the spread of contaminates and anesthetics in the operating room.

Perfect Protection and Double Anti-reflective Glass

The sealed housing of the SD series display provides perfect protecting against liquid ingress, micro size dust and other substances. Its perfect protection makes very easy to clean and disinfect. A double-side anti-reflective (AR) coating of protective glass on the front of the display screen will secure the front screen of display from intensive use in the operating room.

Integrated Luminance Consistence Sensor

An on-board back-light consistence sensor called Stable Brightness Control (SBC) system watches out the brightness change of the display per microseconds and keeps the consistency of brightness level automatically.



User Friendly Usability

The SD series display has been considered to maximize its usability. Front located On-Screen-Display (OSD) adjustment buttons associated with professionally organized OSD navigation and multiple foreign languages makes very ease of display adjustments. The VESA standard mounting located the rear housing also provides ease of use with a surgical equipment arm or wall mounting arm in the operating room

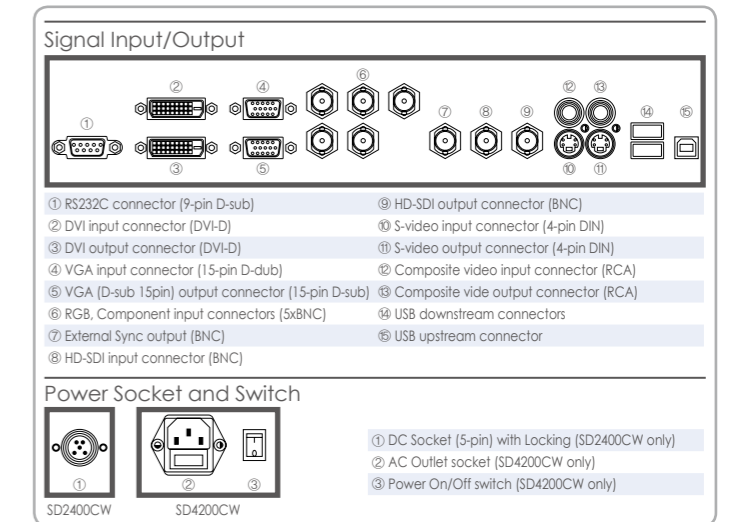
Multiple Diagnostic View Modes

The SD series display provides multiple diagnostic view modes enabling the display to multi-task in a medical application. Every diagnostic view mode delivers extremely accurate color temperature values.

Diagnostic Modes	Color Temperature	x,y Coordinate	Luminance
Clearbase	7500oK	x: 0.299, y: 0.315	300cd/m2
Bluebase	12500oK	x: 0.268, y: 0.279	250cd/m2
Text View	5000oK	x: 0.345, y: 0.358	300cd/m2
sRGB	6500oK	x: 0.312, y: 0.329	300cd/m2

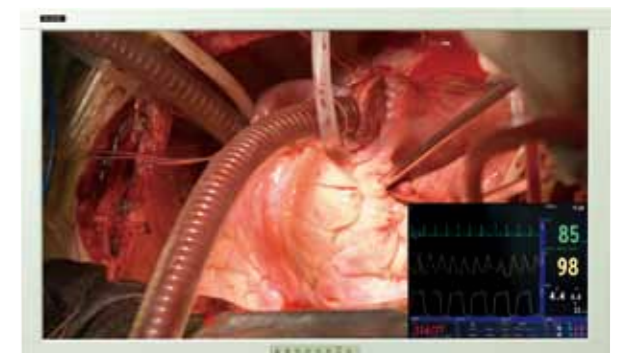
Versatile connectivity to a full range of modalities

The SD series display is a versatile multi-modality display for endoscope camera, ultrasound, cardiology and general purpose of PACS system associated with a variety of input connectivity such as PC signal, Composite and S-video, SD and full HD, as well as Optional SD/HDSLI input in option.



Multi Windowing Displays

The SD series display is able to present the simultaneous two display windows to display two different images from two different sources same time. This feature allows the user to look at more information and data. These two display windows can be swapped between the primary and secondary one.



Picture-in-Picture (PIP)



Picture-by-Picture (PBP)