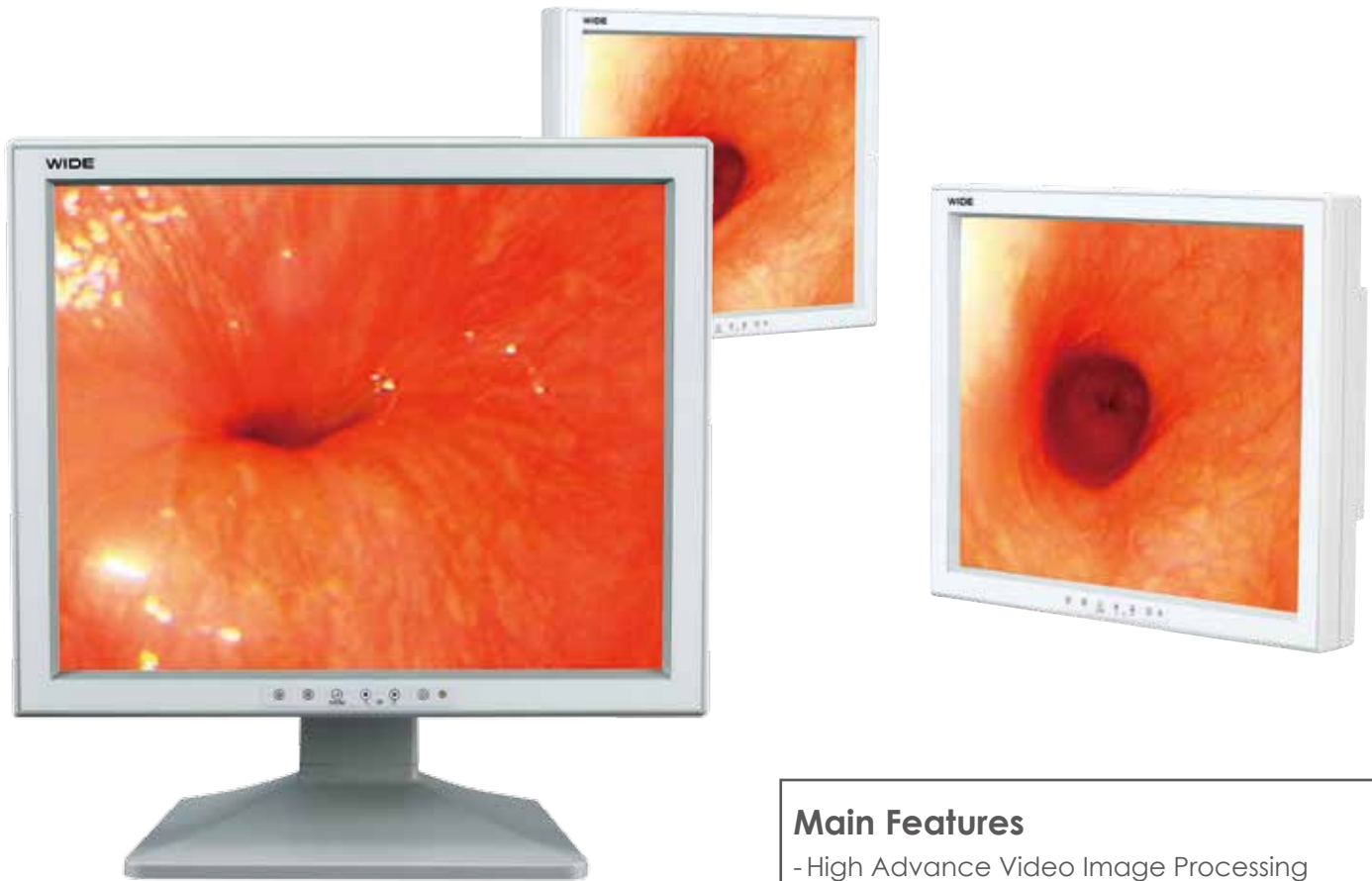




Maximum Visual Precision

19-inch  
SD1900CN

# High Advanced Color LCD Display for Operation Room



In addition to 24" & 42" SD series of display, WIDE's New 19" monitor named SD1900CN is specifically designed for use in the operation room application.

Especially it can be easily set at various locations in operation room, control room, laboratory, emergency room and etc. thanks to slim and slight design. And it is good replacement choice for CRT system.

An embedded diagnostic purposed feature can extend the use of SD series displays in wide variety applications not only for the operation room application but also other general diagnostic purposes.

With 19", 24" & 42" SD series of displays, you could make a high performance entire monitor system for your operation room at a very affordable price.

## Main Features

- High Advance Video Image Processing
- Perfect Protection and Double Anti-reflective Glass
- Integrated Luminance Consistence Sensor (SBC)
- User Friendly Usability
- Multiple Diagnostic View Modes
- Versatile connectivity to a full range of modalities (DVI-D, VGA, S-VIDEO, COMPOSITE, SOG)

## Applications

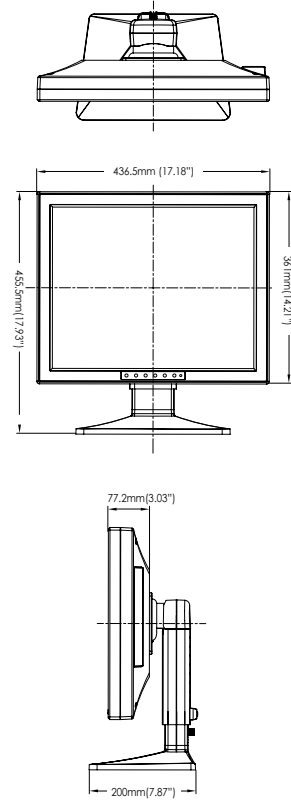
Endoscopy, Fluoroscopy, Angiography, PACS, X-Ray, MRI, CT, Vital Signs, Ultrasound, Radiology Imaging

# Technical Specifications

		SD1900CN
LCD Panel	Type	a-si TFT LCD
	Native Resolution (HxV)	1280x1024
	Active Display Area (HxV)	376.3 x 301.1mm(19", diagonal)
Visual Characteristics	Colors	16.8 millions
	Viewing Angle (HxV)	178° x 178°
	Response Time (Typical)	20 mseconds
	Diagnostic View Mode	Bluebase, Clearbase, Text, sRGB, User
	Brightness (Typical)	300cd/m <sup>2</sup>
	Contrast Ratio (Typical)	1000:1
	Light Sensor	Built-in (SBC)
Input Connectivity	Composite	RCA(x1), NTSC, PAL
	S-video	4-pin DIN (1x), NTSC, PAL
	DVI	DVI-D (x1)
	PC RGB	15-pin D-sub (x1)
	Sync-On-Green	BNC (x1)
Output	PC RGB	15-pin D-sub (x1)
	Ext Sync	BNC (x1)
Scanning Frequency	Horizontal Scan Frequency	15-80Khz (15.75KHz for CVBS)
	Vertical Scan Frequency	50-85Hz(SXGA@75Hz)
	Maximum Bandwidth	135Mhz
Supported Resolutions & Formats	PC	VGA up to SXGA
	Video	Composite, S-video
Image Processing	DICOM compliance	○
	Grayscale Mode	○
Power Supply	Connector Type	4-pin Socket with locking
	Power Requirement	DC 12V@6.0A, AC100-240V±10%, 50/60
	Power Consumption (Typical)	45 Watts
Wall Mounting		VESA MIS F, 100x100mm, 4
Weight (Typical)		5.4kg (Without stand-base)
Operational Temperature		0°C to 35°C (32°F to 95°F)
Operational Humidity		10% to 80%
Storage Temperature		-20°C to 60°C (4°F to 140°F)
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, Warranty Card, VGA Cable, DVI Cable, S-video Cable, Composite Cable

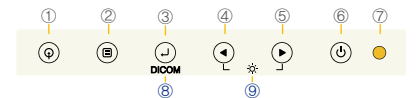
## Dimensions

SD1900CN



\*1) These screw holes are for the optional table stand-base only.

## Control Buttons



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



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