

PDC-191

19" High Definition Medical Display

NEW



Features

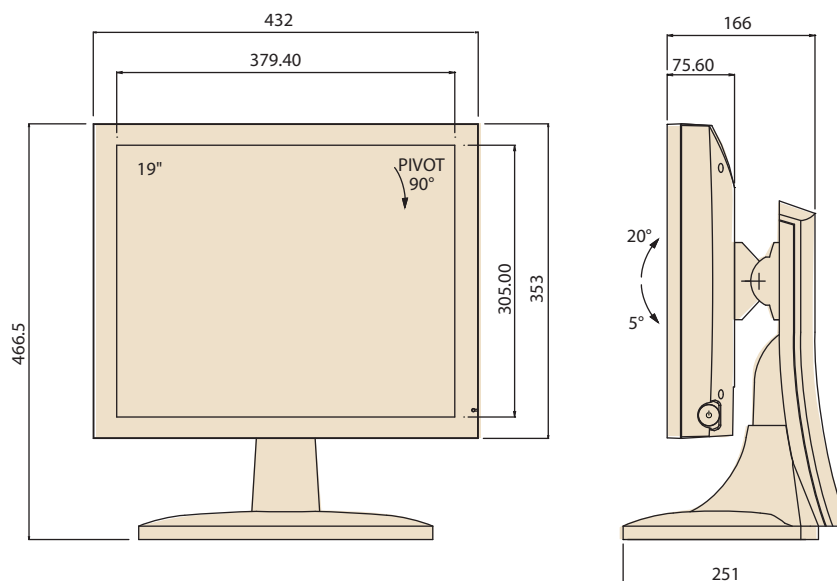
- 1.3M pixels color image monitor
- High definition medical grade display for EMR, PACS and intraoperative application
- 19 inch P-MVA panel with high contrast ratio and wide viewing angle
- Built-in auto luminance stabilizer (ALS) quickly stabilizes brightness
- Internal preset compatible to DICOM Part 14
- 10 bit look-up table (LUT) to reproduce optimized gray-scale tones
- Compatible with DIN 6868-57 standard for brightness uniformity
- UL60601-1, CB60601-1, CE, FCC class B, CCC medical certification

Specifications

Display	Display Type	19" TFT active matrix LCD, anti-glare and hard coated
	Active Screen Diagonal	P-MVA panel
	Native Resolution	1280 x 1024
	Color Depth	16.7M (8 bits) Colors
	Pixel Pitch	0.294 x 0.294 mm
	Active Screen Area	376 mm x 301 mm
	Contrast Ratio	1300:1 (Typical)
	Luminance	300 cd/m2 (typical)
	Viewing Angle (H/V)	178/178 (Horizontal/Vertical)
	Response Time	20 ms (typical); 8 ms gray-gray (average)
	Surface Treatment	Hard coating (3H) Anti-glare treatment of the front polarizer Haze (25%)
Normal	Cool	Cool 9300° K color temperature
	Neutral	6500° K color temperature
	Warm	5400° K color temperature
	User	Users adjustable RGB
Calibration		Through DDC/CI interface
Video Input Ports		
Multi I/O Ports	DVI	DVI x1
	VGA	D-sub 15 pin x1
	Power	AC input 100 ~ 250 V _{AC} (Skynet, SNP-A087-3)
Analog Input		Video: 0.7 V _{pp} /75 ohm, Sync: Separate TTL level. Composite Sync or sync on green, Hor: 30 ~ 85 KHz, Ver: 50 ~ 75 H
Compatible Digital Analog		DVI, up to VESA 1280 x 1024 @ 75/60 Hz, VESA 1024 x 768 @ 75/70/60 Hz, VESA 800 x 600 @ 75/72/60/56 Hz, VESA 640 x 480 @ 75/72/60 Hz, Super VGA, VGA, Mac 832 x 624 @ 75 Hz, Power Mac and more.
Plug & Play		VESA DDC2B
User Control and Indicator		Dial control*1 for Power and multi-language OSD, Power indicator*1 Pre-Vu OSD: contrast, brightness, auto adjust, clock, phase, color temp, hor position, ver position, input select (digital / analog), key lock
General		
Power Requirements		Input: 100 ~ 250 V _{AC} , 1 ~ 0.5 A (PFC) , 60/50 Hz, universal
Power Consumption		On: <40 W; active off: <2 W
Dimensions	Unpacked with Stand	432 x 467 x 251 (mm)
	Unpacked without Stand	432 x 353 x 75.6 (mm)
Weight	Unpacked with Stand	8.6 kg
	Unpacked without Stand	5.9 kg
Base Stand		Tilt, swivel, height and pivot four ways adjustable
Mount		VESA 100 x 100 mm
Compliance & Certifications		
ITE/ MED Safety & EMC		UL60601-1, CB IEC60601-1, CE, FCC class B, CCC medical certification

Dimensions

Unit: mm



Embedded Auto-Calibration Module



Adjustable Stand



Rear I/O



Order Information

Model	Panel	Resolution	PSU	Calibration Module
PDC-191-AC-AE	19" P-MVA	1280 x 1024	AC input	Outside the monitor
PDC-191-AC-BE	19" P-MVA	1280x1024	AC input	Inside the monitor

*PDC-191-AC-BE only for Europe