

Image Systems FP1900MBNC

19.1"



- Multi-resolution (up to 1280 x 1024) LCD analog video inputs
- New digital video timings over a BNC connector
- In Plane Switching (IPS) technology provides excellent viewing angles
- Replaces OEM modality displays
- Multifunctional inputs

Multiple Timings, One Display

The Image Systems FP1900MBNC multi-resolution (up to 1280 x 1024) LCD with analog video inputs offers our customers the ultimate solution in flexibility and options. Unlike most digital flat panel displays, the FP1900MBNC will work effectively with most current and legacy modality systems. This display is pre-programmed with more than 150 standard analog video timings for medical applications.



Upgrade or Replace

This multi-modality LCD bridges the gap between original CRT monitors and current digital LCD technology. Now you can upgrade your monitors without replacing your entire analog system. These versatile flat panel displays can interface with the video signals of most current and legacy modality systems, making the FP1900MBNC the perfect upgrade to keep your analog video system up and running. There's no need to change video cards, cameras or other external hardware.

Specifications	FP1900MBNC
Panel Size/Type	19.1" TFT active matrix LCD, anti-glare and hard coated
Pixel Dimension	0.294 x 0.294 mm
Maximum / Native / Optimum Resolution	1280 x 1024
Contrast Ratio	1000:1 typical
Brightness	1200 cd/m ² typical
Viewing Angle H/V	170°
Display Color	16.19 Million (10 bits)
Active Display Area	376 x 301 mm
Analog Input	Video: 0.7Vpp/75 ohm, Sync: Separate TTL level, composite sync or sync on green. Hor: 30~92 kHz, Ver: 50~85 Hz (60-120 Hz Interlaced)
PC Compatible	Up to VESA 1280 x 1024 @ 75/60 Hz, VESA 1024 x 768 @ 85/75/70/60 Hz
Analog	VESA 800 x 600 @ 85/75/72/60/56 Hz, VESA 640 x 480 @ 85/75/72/60 Hz, Super VGA, VGA, Mac 832 x 624 @ 75Hz, Power Mac and more.
Video	NTSC / PAL B
External Connector	Analog Input: 15-D sub x1, BNC x3 (video, H-Sync, V-Sync), S Video x 1, Composite or Y CbCr x 1, Power: AC In
Cables	15 pin D-sub cable x 1, AV signal cable
Plug & Play	VESA DDC2B
User Control and Indicator	Dial control x 1 for power and OSD, Power indicator x 1, Pre-Vu OSD. FOR PC: contrast, brightness, auto adjust, clock, phase, horizontal position, vertical position, input select, OSD Power saving, PIP. FOR VIDEO: contrast, brightness, sharpness, recall, video select.
Base stand	Tilt, swivel, height and pivot four ways adjustable
Dimensions	432 x 467 x 251 mm
Weight	Net: 8.1 kg
Power Supply (AC Input)	100~250 VAC, 80 W, 1.2 A, 60/50 Hz universal
Power Consumption	On: <70 W, Off: <8 W
Power Mangement	DPMS compliant
Agency Approval	FCC, VCCI, CE, Medical Standard UL, CSA & TUV, GS

Features

Replace OEM Modality Displays

- Fluoroscopy
- CT
- MRI

Multifunctional Inputs

- Separate TTL level
- Composite sync
- Sync on green
- Termination switch for loop-thru configurations



Hassle-Free Services & Support

Overcome technical challenges with our team of experienced engineers and technicians. Whether it's a simple answer or on-site troubleshooting, we can help any time, every time. Accurate and consistent presentation of images is a critical requirement for radiology displays.



DBI Service Desk
Comprehensive
Technical Support

Hot Swap
Extended Warranty &
Advanced Replacement Program



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