

## Image Systems FP1900MBNC

19.1"



- Multi-resolution (up to 1280 × 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 × 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.

It is pre-programmed with more than 150 standard analog video timings for medical applications. And more are being added all the time\*.



**i**image systems

### 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 & Features

19.1"



Series Model / Type	FP1900MBNC
Panel size/type	19.1" TFT active matrix LCD, anti-glare and hard coated
Pixel dimension	0.294 × 0.294 mm
Maximum / Native / Optimum resolution	1280 × 1024
Contrast ratio	1000:1 typ.
Brightness	1200 cd/m <sup>2</sup> typ.
Viewing angle h/v	170°
Display color	16.19 M (10 bits)
Active display area	376 × 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 × 1024 @ 75/60 Hz, VESA 1024 × 768 @ 85/75/70/60 Hz,
Analog	VESA 800 × 600 @ 85/75/72/60/56 Hz, VESA 640 × 480 @ 85/75/72/60 Hz, Super VGA, VGA, Mac 832 × 624 @75 Hz, Power Mac and more.
Video	NTSC / PAL B
External connector	analog input : 15-D sub ×1, BNC ×3 (Video, H-Sync, V-Sync) S Video ×1, Composite or Y CbCr ×1, Power: AC in
Cables	15 pin D-sub cable ×1, AV signal cable
Plug & play	VESA DDC2B
User control and indicator	Dial control ×1 for Power and OSD, Power indicator ×1 Pre-Vu OSD, FOR PC: contrast, brightness, auto adjust, clock, phase, hor position, ver 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
Dimension	432 × 467 × 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 management	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



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