

FPP19FXP / FPP20HXP Image Systems Greyscale Displays

2 MP

3 MP

Because it has to be right

- Luminance Uniformity Control
- Digital Ambient Light Sensor
- Retractable Front Sensor
- Illuminated In-Bezel Controls
- Multiple Graphic Controllers Supported

Radiologists have come to expect highly accurate and calibrated displays from **Image Systems** enabling them to promote positive patient outcomes. We continue to meet these expectations with the **Image Systems Professional Series** 2 and 3Mega-Pixel LCDs.

These displays offer functionality that is tied to our proprietary **Calibration Feedback System™ (CFS)** software assuring users of consistent DICOM compliant images throughout the life of their LCD.



Specifications & Features

2 MP

3 MP



Calibration Feedback System - CFS™

Accurate and consistent presentation of images is a critical requirement for radiology displays.

Image Systems' Calibration Feedback System (CFS™) comes standard with every **Image Systems** display and ensures your LCD is calibrated properly for DICOM compliance.

Luminance Uniformity Control

Display can be optimized with 90 % luminance uniformity across the entire screen meeting the DIN standard.

Digital Ambient Light Sensor

With functionality tied to **CFS™** the Digital Ambient Light Sensor warns the user if room lighting significantly changes from the value read at the time of a field DICOM calibration.

Illuminated In-Bezel OSD Controls

OSD controls are viewable in a dark reading environment for easy display adjustment.

Series Model / Type	Professional Series FPP19FXP	Professional Series FPP20HXP
LCD panel	TFT AMLCD IPS Grayscale	TFT AMLCD IPS Grayscale
Screen size	19.6" / 498 mm	20.8" / 528 mm
Viewable image size	398.4×298.8 mm (15.6×11.7")	×318.0 mm (16.6×12.5")
Resolution	2MP (1200 × 1600)	3MP (1536 × 2048)
Pixel pitch	0.249 × 0.249 mm	0.207 × 0.207 mm
Brightness (max.)	1000 cd/m²	1000 cd/m²
Contrast ratio (typ.)	850:1 w/o LUC 700:1 w/ LUC	900:1 w/o LUC 750:1 w/ LUC
Luminance uniformity (LUC)	90 % w/ LUC (typ.)	90 % w/ LUC (typ.)
Viewing angle (H × V)	170° / 170°	170° / 170°
Input signal	12 bit greyscale	12 bit greyscale
Sync type	H-sync: 75 - 78 kHz V-sync: 60 - 62 Hz Dot CLK: 160 - 170 MHz (single)	H-sync: 92 - 98 kHz V-sync: 58 - 62 Hz Dot CLK: 120 - 132 MHz (dual)
Gradation display	12 bit (4096 gradation)	12 bit (4096 gradation)
Signal cable	DVI to DVI	DVI to DVI
Calibration	Built in sensor with Calibration Feedback System (CFS™) enables self-calibration	Built in sensor with Calibration Feedback System (CFS™) enables self-calibration
Admin software	Local or network client / server quality management system (SNMP based)	Local or network client / server quality management system (SNMP based)
VESA mounting interface	100 × 100 mm	100 × 100 mm
Tilt / swivel / height adjustment	3°, ±30° / ±30° / 108 mm	3°, ±30° / ±30° / 108 mm
Operating	0 to 40 °C; 10 to 80 % RH	0 to 40 °C; 10 to 80 % RH
Storage	-20 to 60 °C	-20 to 60 °C
Power supply	AC 100-240 V ±10%, 60/50 Hz ±3 Hz DC 12 V, 6.67 A	AC 100-240 V ±10%, 60/50 Hz ±3 Hz DC 12 V, 6.67 A
Power consumption	75 W	75 W
Power saving	DVI DMPM	DVI DMPM
Safety and immunity	UL60601-1, CE, CCC, IEC/EN6060-1	UL60601-1, CE, CCC, IEC/EN6060-1
EMC / IEC	FCC Class B, VCCI, CE, MIC, CCC, FDA510K *	FCC Class B, VCCI, CE, MIC, CCC, FDA510K *
Warranty display	60 months-electrical 60 months-backlight to half-life	60 months-electrical 60 months-backlight to half-life

* Please contact your Canvys sales team for a complete listing of 510K compatible graphics cards.



Comprehensive
Technical Support

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Optional Extended
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Detailed technical specifications available upon request.

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