

Image Systems High Bright Color Displays

2 MP

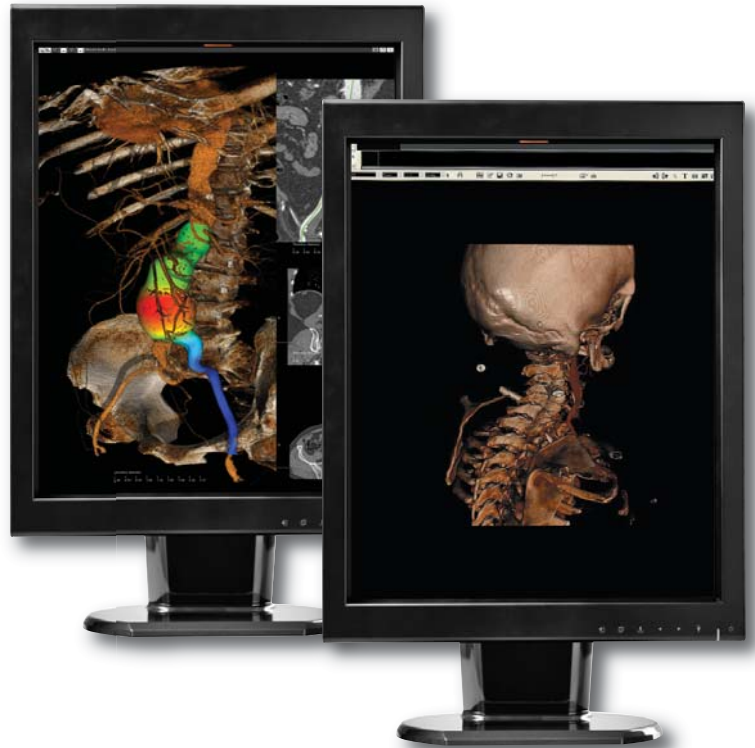
3 MP

Because it has to be right

- High Brightness and Contrast
- Medical Grade
- Backlight Stabilization Circuitry
- Retractable Self-Calibrating Front Sensor
- Ambient Light Sensor

Canvys' Image Systems brand of medical grade imaging displays again sets the standard for quality, flexibility, and accuracy in diagnostic LCDs. Exceptionally high brightness, high contrast ratios and calibration capabilities present consistent diagnostic quality images that enhance workflow for applications requiring a fusion of color and grayscale including *PET, 3D, Cardiology and Nuclear Medicine*.

The retractable front sensors, coupled with **Image Systems' Calibration Feedback System (CFS)**, allow users to easily perform color point calibration, color matching and DICOM® part 14 calibrations.



These high performance diagnostic displays are designed to utilize commercial off-the-shelf (COTS) graphics cards to make them more flexible and affordable for end-users.

Specifications & Features

2 MP

3 MP



Series Model / Type	2MP COLOR HB (X-Series) CX2MP	3MP COLOR HB (X-Series) CX3MP	3MP COLOR HB (P-Series) FPP2080C
LCD panel	TFT AMLCD IPS Color		
Screen size	21.3" / 540 mm	21.2" / 539.5 mm	20.8" / 528 mm
Resolution	2MP (1200 × 1600)	3MP (1536 × 2048)	
Pixel pitch (H × V)	0.270 × 0.270 mm	0.21075 × 0.21075 mm	0.207 × 0.207 mm
Brightness (max.)	860 cd/m ²	900 cd/m ²	600 cd/m ²
Brightness calibrated	450 cd/m ² (typ.)		400 cd/m ² (typ.)
Contrast ratio (typ.)	1050:1	1000:1	600:1 w/o LUC 500:1 w/ LUC
Viewing angle (H×V)	176° / 176°	176° / 176°	170° / 170°
Input signal	DVI-D, DisplayPort		DVI-D
Sync type	H-sync: 75 - 78 kHz V-sync: 60 - 62 Hz Dot CLK: 162 - 170 MHz (single)	H-sync: 92 - 98 kHz V-sync: 58 - 62 Hz Dot CLK: 120 - 132 MHz (dual)	
Bit depth	14 bit		12 bit
Calibration	Rotating retractable front sensor with CFS s/w - enables color point and DICOM® 3.14 calibration		Retractable front sensor with CFS - enables color point and DICOM® 3.14 calibration
Admin software	Local: CFS Enterprise: CFS WebSuite		
Sensors	front, rear, ambient, temp.		
Power supply	(internal) AC Input: AC100-240 V ±10%, 60 Hz / 50 Hz ± 3Hz		AC Input: AC100-240 V ±10%, 60 Hz / 50 Hz ± 3Hz DC output: +12 V, 6.67 A
Power consumption	100 W max	105 W max	110 W
Power save mode	DVI DMPM - less than 1 W		DVI DMPM
Operating	0° to 40 °C		0° to 35 °C
Storage	-20° to 60 °C; 4° to 140° F		
VESA mounting	100 × 100 mm		
Weight with stand	11.0 kg (24.25 lbs)	11.5 kg (25.35 lbs)	9.2 kg (16.3 lbs)
Weight without stand	7.5 kg (16.53 lbs)	8.0 kg (17.64 lbs)	6.4 kg (10.1 lbs)
Certifications	UL60601-1, CSA std., C22.2 No. 601.1, IEC/EN60601-1, CE, FCC Class B, ICES-003-B, VCCI-B, CCC, KCC, C-Tick		UL60601-1, CE, CCC, IEC/EN60601-1, FCC Class B, VCCI, CE, MIC, CCC
Warranty	60 months		
Other	Luminance Uniformity Control (LUC), USB, LED PrivateLight, self diagnostic tool		LUC, USB

FEATURES

Calibration Feedback System - CFS™

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

Image Systems' Calibration Feedback System (CFS™)

ensures your display is calibrated properly to meet TG18 and DICOM® 3.14 standards.

Self-Calibration Front Sensor

Assures life-time DICOM® 3.14 compliance.

Stable Brightness Control

Automatically with rear backlight sensor.

Calibration Precision

Look-up Tables up to 14 bits.

Digital Ambient Light Sensor

Warns on significant room lighting changes.

Luminance Uniformity Control

Optimizes uniformity across screen.

About Image Systems

For the last 20 years, **Image Systems** has been recognized as an industry-leading display brand by consistently providing the highest quality diagnostic and clinical display solutions to the healthcare industry.



Comprehensive Technical Support

Learn more at teklink.canvys.com

Hot Swap



Extended Warranty & Advance Replacement Program