Optik View

2 MP Medical Color Display

For X-ray

MDF2130-2HCF

21.3' | RGB | 1600 × 1200 | High luminance 300cd/m² | Contrast 900:1 | Preset Gamma Setting

2MP Medical Color Display | MDF2130-2HCF

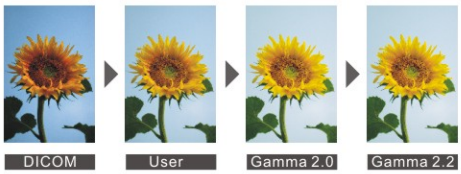
High Brightness for better image quality and longer life

Precision through Technology

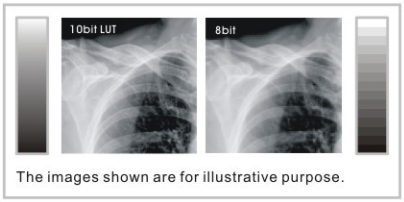
Built to support the most demanding PACS and Modality requirements. The 2M (1600 x 1200) Optik View products displays offer clear and precise images. All our color medical displays feature industry leading color consistency, 8-bit to 10-bit conversion algorithm and advanced 10-bit dithering technology.

Adjustable Gamma setting

CHILIN Color medical displays provide users the ability to define desired DICOM GSDF Gamma settings such as 1.8, 2.0, 2.2 and 2.4. Predefined Gamma settings ensure consistency and uniformity when performing color and grayscale rendering.



Finest grayscale



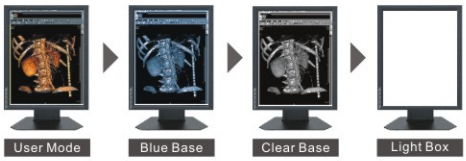
The images shown are for illustrative purpose.

* Images are provided for explanation purposes.

Automatically takes 8-bit input signals (256 tones for each primary color) from the graphics board and can be displayed simultaneously, ensuring highly refined rendering of even extremely delicate grayscale shading.

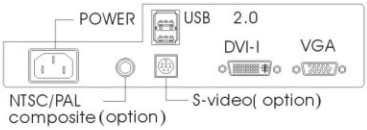
Smart mode setting

The one button function consists of four user-selectable modes, each with different settings for brightness and gamma. It includes two DICOM modes - DICOM-CL and DICOM-BL for clear and blue base film, as well as user model, Light Box mode ...



Multiple source Input

Customized to your needs
This displays come with DVI and D-Sub input ports and can be customized with additional input port (e.g. NTSC/PAL Composite, S-video), picture in picture attribute, etc.



High Speed Graphic Performance

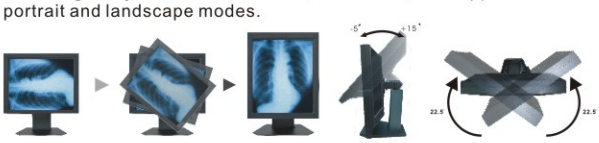
Robust 8 and10 bit graphic board, designed for high image precision, can support dual DVI-I inputs up to 5-MP (dual head) diagnostic displays.

Photo Sensor achieved Stable and Consistent Image

- Attachable to monitor bezel with a USB connector.
- Calibration to DICOM Part14 standard.
- Remote calibration with network QC management software.

Ergonomic Design

The screen can be easily adjusted to the ideal viewing position with height adjustable stand, 15°tilt, 45° swivel, and support for both portrait and landscape modes.



LCD Type	IPS RGB
Native Resolution	1600*1200/1200*1600
Pixel Pitch	0.270(H)*0.270(V)mm
Active Screen Area	432(H)*324(V)mm
Contrast	550:1(typ)
Luminance(Typical)	300 cd/m² calibrated,450cd/m² max
Viewing Angle(H/V)	85/85,85/85, (Horizental/Vertical)
Backlight Lamp Life	50K hours
Plug & Play	Support VESA DDC2B and DDC/CI; PC2001compliant
Input Signal	DVI-I, D-sub
Sync Input	Separate sync(HSYNC/VSYNC); composite sync,Sync on Green (activated through on-screen display)
USB 2.0	USB hub with 1up and 2 down stream port
ALS(Auto Luminance Stabilizer)	No
Power Supply	Auto-ranging,90 to 265 VAC; internal power supply
Input Power	100~240 VAC
	47~63.5Hz
Operating Temperature	0℃ to 35℃(32℉ to 95℉)
Mount	VESA 100 mm
Gamma Preset	Gamma 1.8,2.0,2.2;DICOM part 14
Accessories	Graphic Card / PhotoSensor

Wordwide medical safety standard approval

All display meets the strictest medical, safety and EMC emissions standards including EN60601-1, CE, CB, CSA C22.2 No.601-1, FCC, FDA510(K), AAPM-TG18.

Tested To Comply With FCC Standards FOR HOME OR OFFICE USE

Rohs

ISO 13485 Certification

Our facilities are certified to ISO9001 and ISO13485 quality system controls. We have the ability to consistently meet our customer requirements for these devices and services.