

42"

FULL HD 42" Medical Color High Brightness

MDC4200-2CC



42"

RGB

1920
x
1080

High
luminance
300cd/m²

Contrast
1000:1

Preset
Gamma
Setting

FULL HD 42" Medical Color High Brightness | MDC4200-2CC

High Brightness for better image quality and longer life

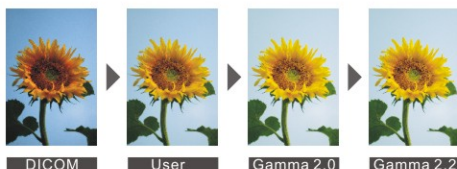


Precision through Technology

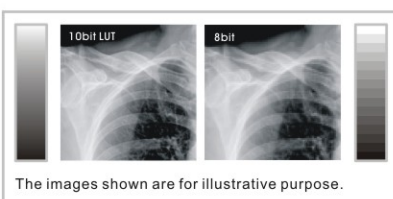
Built to support the most demanding Graphic and Patient monitoring requirements. The 2M (1920 x 1080) Optik View products displays offer clear and precise images. All our color medical displays feature industry leading color consistency, 8-bit to 10-bit conversion algorithm and advanced 10-bit dithering 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



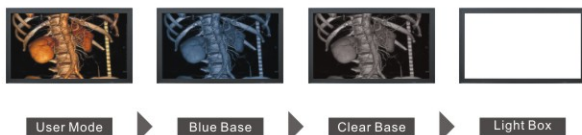
The images shown are for illustrative purpose.

* 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, Component and HD-SDI), picture in picture attribute, etc.



High Speed Graphic Performance

Robust 8 and 10 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.



LCD Type	MVA / RGB subpixel per pixel
Native Resolution	1920*1080
Pixel Pitch	0.4845(H)*0.4845(V)mm
Active Screen Area	930(H)*523(V)mm
Contrast	1000:1(typ)
Luminance(Typical)	300 cd/m ² ; 500 cd/m ² (max)
Viewing Angle(H/V)	88/88,88/88
Response Time	8 ms(G-G)
Digital Video Input	DVI-A/DVI-D(complying to VESA)
Analog/Video Input(Optional)	VGA D-sub 15pin, S-video AV/ YPbPr
Display Control and Communication	DDC(complying to DDC2 Ci standard), EDID
USB 2.0	USB hub with 1up and 2 downstream Port.
Supported Resolution	Up to 1920*1080
Display Control	Display on/off,backlight adjustment, OSD
ALS(Auto Luminance Stabilizer)	Yes
HD Video (option)	SD-SDI
Power Requirements	
Input	90 to 264 VAC,45 to 65Hz,300W(MAX)
Within SpecificationPower Save	Supports DPMS<5W
Environmental	
Operating Temperature	0°C to 35°C(32°F to 95°F)
Approval	
Safety	UL60950;EN60950;EN60601-1; EN60601-2
EMC	CE;FCC
Physical Characteristics	
Mount	VESA 100 mm x2
Features	
Gamma Preset	Gamma 1.8,2.0,2.2 ; DICOM Curve
Color Preset	6500 k ; 7500K ; 8200K ; 9300K
Controls(OSD)	Yes
Accessories	
Video Cables	DVI-D;VGA

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.



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.

