

Datasheet

DC21311/GUP2103CMI

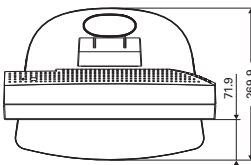
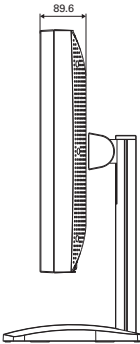
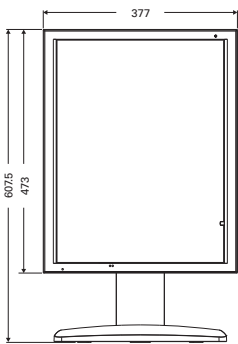
3MP Color / 21"(QXGA) Diagnostic Display



21"

Optik View’s three megapixel color diagnostic display takes high resolution color and grayscale imaging to the next level, making it the ideal solution for PACS and Radiology departments worldwide. It supports Dual Link DVI input, a clock frequency of 60 Hz when displaying QXGA (1536 × 2048) resolution and frame synchronization between the computer and monitor to reproduce a smooth moving picture without frame loss.

This high-definition and multi-functional model also features a precise calibration compliant with DICOM Part 14 giving end users the diagnostic image quality they need over the entire life of the product. It simplifies control and management of the display network.



ALS

LUT 14bit

DUC

Front Sensor

HW Calibration

QXGA

Color Tracking

DDC/CI Control

Ambient Sensor

DL DVI

DP 1.2

Dynamic Scaling

QA Report

Presense Sensor

Adjust. Stand

ID Type		Front Bezel Plastic		
Panel Spec	Type	IPS		
	Resolution	2048(H)x1536(V)		
	Screen Size (inch)	21.3		
	Display Area (mm)	433.15(H)x324.86(V)		
	Pixel Pitch (mm)	0.2115(H)x0.2115(V)		
	Viewing Angle (degree)	178(H)/178(V)		
	Response Time (ms)	25 (On/Off)		
	Brightness (cd/m²)	1000(typ.)		
	Contrast Ratio	1500:1(typ.)		
	Color / Mono	Color		
	Color Depth (bits)	10		
I/O Interface	DVI	DVI-D x1	HDMI	N/A
	DP	DP1.2 x1	Service Interface	USB
	VGA	N/A	USB Hub	upstream x1/downstream x2
Features	Color Temperature	Neutral/Warm/Cool/User	Scaling Mode	PIP/PAP
	Gamma Selection	DICOM/Calibration/1.8/2.0/2.2/2.4	Multi Display Mode	Yes
	Gamma LUT (bits)	14	Color Tracking	Yes
	Calibrated Brightness (cd/m²)	300/400/500	Uniformity Compensation	N/A
	Luminance Stabilize Sensor	Front Sensor	Self Calibration	N/A
	Backlight Sensor	Yes	Auto Gamma	Yes
	Ambient Sensor	Yes	Light Box Mode	Yes
	Presence Sensor	Full Screen/Native/4:3/16:9/16:10	Monochrome Mode	English/Spanish/French/German/Italian/Chinese (simplified)/Japanese
Power Requirements	Power Supply	AC 100V~240V		
	Power Consumption (W)	85W(Max)/2W(DC Off)		
Physical Characteristics	Dimensions (WxHxD) (mm)	377x607.5x269.9(w/ Stand)	Tilt Range (degree)	-5 to +25
	VESA Mounting (mm)	100x100	Swivel Range (degree)	+/- 70
	Weight (Kg)	11.3 (w/ Stand)	Height Adjustment (mm)	80
	ID Color	Black	Pivot Rotation (degree)	0 & 90
	Screen Protection	N/A		
Reliability	Operating Temperature (° C)	10 to 40	Storage Temperature (° C)	-20 to 60
	Operating Humidity (RH)	30% to 75%	Storage Humidity (RH)	10% to 90%
Certifications and Compliances		cTUVus(60601 Ed3.1),CB(60601 Ed3.1),CB(60950 Ed2),CE,FCC-B,VCCI-B,CCC,BSMI ,FDA510k(Ongoing)		