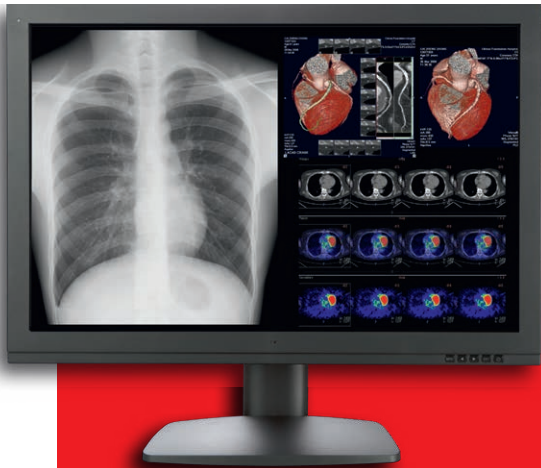


Datasheet



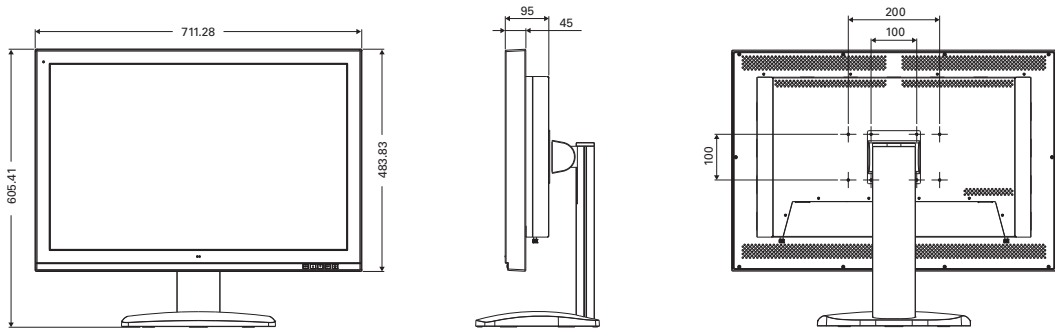
30"

DC30610/ZSH3003CMI

6MP Color / 30" (WQSXGA) Diagnostic Display

Optik View’s six megapixel color diagnostic display allows high resolution color and grayscale images to be presented in minute detail, making it the ideal solution for PACS and Radiology departments world-wide. It supports Dual Link DVI input, a clock frequency of 60Hz when displaying WQSXGA (3280 × 2048) resolution and frame synchronization between the computer and monitor to reproduce a smoothly 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 18bit

DUC

Front Sensor

HW Calibration

WQSXGA

Color Tracking

Self Calibration

DDC/CI Control

Ambient Sensor

VGA

DL DVI

HDMI 2.0

DP 1.2

Fanless

Dynamic Scaling

QA Report

Presense Sensor

Adjust. Stand

IDType		Front Bezel Plastic / Rear Cover Metal		
Panel Spec	Type	IPS		
	Resolution	3280(H)x2048(V)		
	Screen Size (inch)	30		
	Display Area (mm)	645.504(H)x403.0464(V)		
	Pixel Pitch (mm)	0.197(H)x0.197(V)		
	Viewing Angle (degree)	178(H)/178 (V)		
	Response Time (ms)	30 (On/Off)		
	Brightness (cd/m²)	800(typ.)		
	Contrast Ratio	950:1(typ.)		
	Color / Mono	Color		
	Color Depth (bits)	10		
I/O Interface	DVI	DVI-D x2	HDMI	HDMI2.0 x2
	DP	DP1.2 x2	Service Interface	RS232(D-sub 9pin)
	VGA	N/A	USB Hub	upstream x1/downstream x2
Features	Color Temperature	5400K/6500K/7500K/9300K	Scaling Mode	PAP
	Gamma Selection	DICOM/Calibration/1.8/2.0 /2.2/Auto	Multi Display Mode	Yes
	Gamma LUT (bits)	18	Color Tracking	Yes
	Calibrated Brightness (cd/m²)	300/400/500/Auto/Range	Uniformity Compensation	Yes
	Luminance Stabilize Sensor	Front Sensor	Self Calibration	Yes
	Backlight Sensor	Yes	Auto Gamma	Yes
	Ambient Sensor	Yes	Light Box Mode	Yes
	Presence Sensor	Full Screen	Monochrome Mode	English/Chinese(simplified) /Chinese(Traditional) /Japanese
Power Requirements	Power Supply	AC 100V~240V		
	Power Consumption (W)	155.7W(Max)/6W(DC Off)		
Physical Characteristics	Dimensions (WxHxD) (mm)	711.3x605.4x270(w/ Stand)	Tilt Range (degree)	-5 to +20
	VESA Mounting (mm)	100x100/100x200	Swivel Range (degree)	N/A
	Weight (Kg)	16.7 (w/ Stand)	Height Adjustment (mm)	80
	ID Color	Black	Pivot Rotation (degree)	N/A
	Screen Protection	N/A		
Reliability	Operating Temperature (· C)	5 to 35	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)		