



# AOPEN

Bright Ideas Connected

## Intelligent Healthcare

### Medical Touch Monitor



## True flat (P-Cap) and comply with DICOM Part 14 Medical AHVA Touch Monitor DT2462M



The new 2020 HMI medical touch display series is based on the needs of end users, and the sizes are 21.5 inches and 23.8 inches to carry AOPEN medical specification SBC including DE5500M and DE7600M. With the ultra-wide-angle 16:9 high-contrast display and plug-and-play PCAP 10-point touch function, users can effectively operate the display through a knob control. The design of the back cover and edges uses a larger angle to bend the surface to help reduce damage caused by collisions.



Considering that the display will be used in a medical environment, the medical touch display screen is waterproof and dustproof, and the entire screen is covered with AG glass, which is durable and easy to clean. Hidden ventilation holes help reduce the internal temperature, thereby extending the life of the parts. Built-in presets that comply with DICOM Part 14 standards ensure professional and accurate grayscale images and plug-and-play PCAP 10-point touch.

- World-class EN/UL 60601-1 Medical Safety Regulations and EMC Certifications
- Medical IPC design with 10points Multi-touch screen and gloved hand touch
- The medical touch monitor is waterproof and dustproof, the entire screen is covered with AG glass, which is durable and easy to clean
- Complete line-up of Medical HMI product and Life Cycle Management
- Featured medical imaging in a scrolling OSD



# DT2462M



ID Type	True Flat (P-Cap)	
Panel Spec	Type	AHVA
	Resolution	1920(H) x 1080(V)
	Screen Size (inch)	23.8
	Display Area (mm)	527.04(H) x 296.24(V)
	Pixel Pitch (mm)	0.274(H) x 0.274(V)
	Viewing Angle (degree)	178(H)/178(V)
	Response Time (ms)	14 (GtG)
	Brightness (cd/m <sup>2</sup> )	250 (Typ.)
	Contrast Ratio	1000:1 (Typ.)
	Color Depth (bits)	6 +FRC
I/O Interface	DVI	DVI-Dx1
	DP	DP1.2x1
	VGA	D-Sub15x1
	HDMI	DVI to HDMI cable
	Audio	3.5mm
	Touch	Type
Touch Point		10
Screen Printing		Black
Glass Coating		AG
Interface		Combo (USB/RS232)
Features	Color Temperature	Neutral/Warm/Cool/User
	Gamma Selection	Neutral/Gamma 2.2/DICOM
	Gamma LUT (bits)	10
	OSD Languages	English/Spanish/French/German/Italian/Japanese
	Speaker	2W Speaker
	Scaling Mode	Full/5:4/4:3/16:9/1:1
Power Requirements	Power Supply	DC 24V
	Power Consumption (W)	<35(Max), <3W (Stand-by)
Physical Characteristics	Dimensions (W×H×D) (mm)	581 x 400x175 (with Stand) 581 x 360x69 (w/o Stand)
	VESA Mounting (mm)	100 x 100
	Weight (Kg)	9.5 (Monitor) 12.5 (with package)
	ID Color	White
	IP Rating (Front)	IP65
	IP Rating (Back Cover)	IPx1
	Tilt Range (degree)	-5~+30
	Pivot Range (degree)	N/A
	Swivel Range (degree)	N/A
	Height Adjustment (mm)	N/A
Reliability	Operating Temperature(°C)	0 to 40
	Operating Humidity (RH)	30% to 75%
	Storage Temperature (°C)	-20 to 60
	Storage Humidity (RH)	10% to 90%
Certifications and Compliances		cTUVus(60601 Ed3.1),CB(60601 Ed3.1),CE,FCC-B



**AOPEN Headquarter**  
New Taipei City,  
Taiwan

**AOPEN America**  
San Jose, USA

**AOPEN Europe**  
Rosmalen,  
Netherland

**AOPEN Australia**  
Melbourne,  
Australia

**AOPEN Japan**  
Tokyo, Japan

**AOPEN China**  
Shanghai,  
China