

TV-PM550TAIO (IR1MM)



Android 9.0
Version

FEATURES

- Perfect 4K resolution
- Front audio stereophonic speaker
- Industrial grade aluminum frame
- Multiple signal input HDMI, VGA, Video, YPbPr, TV etc.
- Infrared touch technology for rich writing experience
- Password / Pattern Lock protected
- 4mm protect glass and anti-scratch
- 20 points touch, <5~8ms response
- Support APK install & authorize management, permit or forbidden application



Multiple Viewing Modes



Wide Viewing Angle



Multiple Display Signal Input



Multiple Viewing Modes



50% Power Saving

Technical Specification

LCD Panel

Diagonal Size	55"
Backlight Type	D LED
Aspect Ratio	16:9
Pixel pitch	0.28(H) x 0.28(W)
Response	5ms to 8ms
Resolution	3840 x 2160
Contrast Ratio	5000:1 (Static) / 100k:1 (Dynamic)
Brightness(cd/m2)	400cd/m2
Display area	1209mm(H) x 680mm(V)
Color	16.7 Million color
View Angle	H/V: 178°/178°

System

OS	Android 9.0
CPU	Cortex A53*4, 1.5GHz
RAM	3GB
FLASH (Memory)	32GB

I/O Port

Rear Input	LAN IN*1, COAX*1, RS-232*1, PC-AUDIO*1, VGA IN*1, HDMI IN*2, TOUCH USB*2, USB2.0*2, MIC*1
Front Input	USB2.0*2, TOUCH USB*1, HDMI IN*1

Output	Earphone OUT*1
Media Format	
Audio	Mp3, WMA, WAV, APE, FLAC, AAC, OGG, M4A, 3GPP
Video	H.264, VP 8, RV, WMV, AVS, H.263, MPEG4
Picture	JPG, BMP, PNG
Touch Features	
Touch Type	Infrared Touch
Glass	4mm, Physical 7 grade tempered glass, Explosion proof, anti glare
Transmittance	>92%
Response Time	≤5 ~ 8ms
Touch Precision	≤1mm
Touch Object	All Opaque object, such as finger, pen etc
MTF	60 million touch by each points
Minimum Touch Object	≥ 1mm
Anti light	Incandescent lamp (220V,100W) Distance > 350mm, Sunlight illumination<90000Lux
Interface	USB
Audio	
Speaker	2 x 15W(max) Stereo
OPS PC (optional)	
CPU	Core i5
Memory	4GB / 8GB
Hard disk	SSD: 240GB
I/O port	USB2.0*2, USB3.0*2, MIC*1, LINE OUT*1, RJ45*1, VGA*1, HDMI*1
Tech Features	
Language	English
Video Format	PAL, NTSC
Working Mode	24x7 hrs
Display Light	60,000* hrs
Frequency	Horizontal Frequency : 20 ~ 82KHz (Anolog & Digital) Vertical Frequency: 55 ~ 75Hz
Optimum Resolution	3840 x 2160 @ 30HZ
Support Resolution	3840 x 2160, 1920 x 1080, 1680 x 1050, 1600 x 1200, 1440 x 1050, 1360 x 768, 1280 x 1024 1280 x 768, 1024 x 768, 832 x 624, 800 x 600, 720 x 400, 600 x 480
Video Format	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 4K
Function Features	
Amazing OSD	Humanity beautiful OSD, Touch control
Multiple Control	Support remote control, keyboard, RS232, Touch control
Touch OSD	Touch slide from bottom to start the hidden OSD menu
Sunlight Readable	Suit for lots of place, it can readable at sunlight
Touch	20 points touch
Multiple I/O	Support HDMI / VGA / CVBS / YPbPr / Display Port / TV
Input Auto Scan	Auto scan the input signal, and countdown tips
Customize Mode	Preset Standard, Warm, Cinema, Meeting work mode and support customize
Airplay	iPhone, iPad wireless display on TAIO monitor by airplay
Software	White board, Mirror display, Comment etc.

Physical Features

Power Supply	AC 100 ~ 240V, 50-60Hz, 1.1A
Consumption	Max ≤ 300W, Normal ≤ 220W, Standby ≤ 0.5W
Body material	Gray frame, Black metal cover
Color	Black
Temperature	Work: 0°C ~50°C, Storage : -20° ~ 60°C
Humidity	Work: 10% to 90%, Storage: 0 to 95% (Non Condensing)
Noise	Working Noise<50dBA
Product Dimension	1479.9*923.6*106.1mm
VESA hole	400 x 200 mm(4*M8 screw)
Weight	NW: 38Kg±1.5Kg, GW: 47Kg±1.5Kg
Package Dimension	1600 x 1025 x 215mm

Other

Accessories	Remote control*1, Power Cord*1, Wi-Fi antenna *1
Option	HDMI, DVI, VGA, BNC, Floor stand set
Certification	BIS, RoHS, BIS, CE, FCC, ISO9001, ISO14001

*** Note: Product specifications are subject to change without prior notice.**