Digital Display Solutions / PWD Series

Designed with LED touch screen technology, the Purplewave Interactive Flat Panel Display is a dynamic and engaging solution for both education and business environments. Encouraging interactive communication, its technology facilitates learning as well as information sharing.

- Perfect 4K resolution
- Front audio stereophonic speaker
- Industrial grade aluminium 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

OPS Support

All our products in this series have compliance with OPS (Open Pluggable Standard). OPS will empower your screens with enhanced processing power and ability to choose Windows or Android as your operating system to fit your specific application.

Touch Support

Our touch screens are compatible with this series. Infrared (IR) Touch Screens is designed to equip your current product with user-interactivity allowing the display to be smart display and many interactive applications to be enjoyed by the end users. The design also permits any person to overlay the touch screen on the display easily.

Suitable Design For Class Rooms, Board Room, Meeting Rooms

Use Purplewave's interactive flat panel displays to bring your workforce together. Our Ultra HD products can be used for interactive presentations, brainstorming and training.

Technical Speciation			
Parameters	**PWD55TRX**	**PWD65TRX**	**PWD75TRX**
Diagonal Size	55"	65"	75"
Backlight Type	D LED		
Aspect Ratio	16:09		
Pixel Pitch	0.28(H) x 0.28(W)	0.372 (H) X 0.372 (W)	0.4296(H) x 0.4296(L)
Response	5ms to 8ms		
Resolution	3840 x 2160		
Contrast Ratio	5000:1 (Static) / 100k:1 (Dynamic)	4000:1 (Static) / 100k:1 (Dynamic)	6000:1 (Static) / 100k:1 (Dynamic)
Brightness (cd/m2)	400cd/m2		
Display area	1209mm(H) x 680mm(V)	1428.48mm(H) x 803.52mm(V)	1650.24mm(H) X 928.26mm(V)
Color	16.7 Million color	1.07 Billion color	
View Angle	H/V: 178o/178o		
System			
OS	Android 9.0		
CPU	Cortex A53*4, 1.5GHz	Quad core A55, 1.5GHz	Quad-core A55, 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	24×7 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, 1440x 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 places, 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	Whiteboard, 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	1699.2*1038.1*90.2mm
VESA hole	400 x 200 mm(4*M8 screw)	600 x 200 mm(4*M8 screw)
Weight	NW: 38Kg±1.5Kg, GW: 47Kg±1.5Kg	
Package Dimension	1600 x 1025 x 215mm	1870*1150*220MM
Other		
Accessories	Remote control*1, Power Cord*1, Wi-Fi antenna *1	
Option	HDMI, DVI, VGA, BNC, Floor stand set	
Certification	BIS, CE, ISO9001, UL	