

Technical Doc. :	ST_PTSC24-STW_R010.docx
Equipment:	PTSC24-STW
Revision :	1.0



Model: PTSC24-STW - 24" Widescreen Full sealed IP65 Waterproof Stainless Steel Panel PC With Wifi Bluetooth

1. IP65 sealed stainless steel enclosure including I/O, Sealed I/O with cable set included.
2. 24" industrial LCD panel, wide viewing angle, high nits, true color. 1920*1080 high resolution.
3. Adopt 5 wires resistive touch screen, high precision, durable, anti-interference. it can touch with gloves and dirty hands.
4. High performance motherboard, 7x24 continuous operation.
5. Full sealed and fanless design, full IP65 waterproof.
6. 1000 nits, manual brightness. With 2 buttons: 1 button to turn up the light and another button to turn down the light.
7. Built in Wifi and Bluetooth which hidden inside.
8. I/O Interface: 3x USB, 1 x Lan, 1 x POWER DC.

System	
CPU	Intel Celeron Quad-Core J1900, 2.30 GHz, fanless
CPU Optional	Intel Core i3/i5/i7
Memory	8G DDR3 (2G, 4G optional)
Hard Drive Capacity	256G SSD
Hard Drive Optional	SSD: 32G, 64G, 128GB HDD: 500GB, 1TB
Graphics	CPU Integrated graphics HD Graphics and support 1080p HD photo quality
Audio	Realtek ALC662, High Definition Audio (HD), Line in, Line out
Network	1xRealtek RTL 8111E Gigabit Ethernet controller
Wireless Network	WIFI Bluetooth 4.0
I/O Interface	3x USB, 1 x Lan, 1 x POWER DC

Operation System	Support Windows 7/8/10, Linux, Ubuntu, Debian, etc.
LCD panel	
Panel size	24"
Resolution	1920*1080
Aspect ratio	16:9
Support Color	16.7M colors
Brightness (cd/m ²)	1000 nits, sunlight readable
Brightness control	Membrane switch
Response time	5ms
Contrast ratio	1000:1
View angle	80°/80°/80°/80° (R/L/U/D)
Touch panel	
Touchscreen Type	5 wire resistive touch
Touch Interface	USB (RS232 optional)
Touch response time	<8ms
Luminousness	90%
Surface Hardness	3H
Working Life	>35 million times
Touch options	(capacitive touch, IR touch optional)
Power Supply	
External Power Supply	AC 100-240V
Working voltage	DC 12V
Power consumption	≤45W
Enclosure	
Material	stainless steel
Color	Silver
VESA mounting	100x100mm
IP grade	Full IP65 waterproof
Operating Environment	

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Temperature Range	operating: -10 to 60°C, storage: -20 to 80°C
Relative humidity	5%~95% @ 40° C, non-condensing
Vibration	5-500 Hz, 0.026 G ² /Hz, 2.16 Grms, X, Y, Z, 1 hour per axis
Packing Details	
Net weight	14kg
Gross weight	22kg
Product Dimension	58.89x35.61x5.8cm
Packing size	73x54x23cm
Accessories	Power adapter, IP65 waterproof USB cable/Lan cable, power cord.
Other	
Mounting (options)	<ul style="list-style-type: none"> embedded mounting screws wall mounting brackets (optional) desk stand holder (optional)
Warranty	1 year warranty
Certificate	CE, FCC, RoHS