

# SRT/PHT Series

## LCD Marine/Industrial Displays

*Sunlight Readable Touchscreen (SRT) & Pilot House Touchscreen (PHT)*  
Displays Designed for the Industrial and Marine Industries.



10" Display  
SRT/PHT-10

12" Display  
SRT/PHT-12

15" Display  
SRT/PHT-15

15" Wide  
SRT/PHT-15W

17" Display  
SRT/PHT-17

18.5" Wide  
SRT/PHT-185W

19" Display  
SRT/PHT-19

21" Wide  
SRT/PHT-21W

24" Display  
SRT/PHT-24

24" Wide  
SRT/PHT-24W

27" Wide  
SRT/PHT-24W

- Cost Effective Glass Bridge Displays
- Up to 1500 Nits Sunlight Readable
- Wide Dimming Range
- IEC60945 Certified
- NEMA 4, IP65 Sealed Front Panel

- HDMI, DVID, VGA & Composite Video Input
- Front Brightness Controls
- Standard PCAP Touch Screen
- HDCP Compliant
- Low Power LED Backlighting



Our Vision is Your Vision

# Standard Displays



Seatronx Part Numbers:	SRT-10 &PHT-10	SRT-12 & PHT-12	SRT-15 & PHT-15	SRT-17 &PHT-17	SRT-19 &PHT-19	SRT-24 & PHT-24
FEATURES						
Diagonal (active area) Inch	10.4	12.1	15.0	17.0	19.0	24.1
Native Resolution (Pixels)	1024 x 768	1024x768	1024x 768	1280x1024	1280x 1024	1920x 1200
Colors	16.2M	16.2M	16.2M	16.7M	16.7M	16.7M
Contrast Ratio	1200	700	700	1000	1000	1000
Brightness Sunlight Readable (SRT)	1500	1500	1800	1500	1500	1000
Brightness Pilot House (PHT)	500	700	700	350	300	350
Viewing Angle (left, right)	89, 89	80,80	80, 80	85,85	89, 89	89, 89
Viewing Angle (up, down)	89, 89	80,80	60, 80	80,80	89, 89	89, 89
Backlight Lifetime (Hrs)	50000	50000	50000	50000	50000	50000
Backlight Dimming	0 - max	0 - max	0 - max	0 - max	0 - max	0 - max
Input terminal x1 HDCP HDMI	HDMI,DVI,VGA, Comp	HDMI,DVI,VGA, Comp	HDMI,DVI,VGA, Comp	HDMI,DVI,VGA, Comp	HDMI,DVI,VGA, Comp	HDMI,DVI,VGA, Comp
Power Source	9-34V + and -	9-34V + and -	9-34V + and -	9-34V + and -	9-34V + and -	9-34V + and -
Voltage Converter	9-34V (isolated)	9-34V (isolated)	9-34V (isolated)	9-34V (isolated)	9-34V (isolated)	9-34V (isolated)
Power Consumption (AMPS @ 24VDC)	SRT 2.5 / PHT 1.5	SRT 2.5 / PHT 1.5	SRT 2.8 / PHT 1.5	SRT 3 / PHT 1.5	SRT 3.5 / PHT 1.5	SRT 3.5 / PHT 1.8
Inlet Plug DC Power	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal
Dimensions Front (w x h x d mm)	262.6 x 227.6 x 58mm (10.34 x 8.960 x 2.28)	301.8 x 257.3 x 58mm (11.88 x 10.13 x 2.28)	363.1 x 305.1 x 58mm (14.295 x 12.02 x 2.28)	396.9 x 342 x 58mm (15.62 x 13.46 x 2.28)	432.6 x 377.2 x 58mm (17.03 x 14.85 x 2.28)	587 x 404.2 x 58mm (23.11 x 15.91 x 2.28)
Cutout Dimensions (w x h x d mm)	244.4 x 209.4 x 61mm (9.623 x 8.224 x 2.40)	283.6 x 239.1 x 61mm (11.16 x 9.43 x 2.40)	345.1 x 287.1 x 61mm (13.58 x 11.30 x 2.40)	378.9 x 324 x 61mm (14.92 x 12.75 x 2.40)	414.6 x 359.2 x 61mm (16.32 x 14.14 x 2.40)	569 x 386.2 x 61mm (22.41 x 15.20 x 2.40)
Sealing Front	ip68 with potentiometer	ip68 with potentiometer	ip68 with potentiometer	ip68 with potentiometer	ip68 with potentiometer	ip68 with potentiometer
Mounting	panel mount/Vesa	panel mount/Vesa	panel mount/Vesa	panel mount/Vesa	panel mount/Vesa	panel mount/Vesa
Operating Temperature (°C)	-30 to 70	-30 to 85	-30 to 85	-30 to 85	0 to 70	0 to 50
Storage Temperature (°C)	-30 to 80	-30 to 80	-30 to 85	-30 to 85	-20 to 70	-20 to 60
Parameter Adjustment	front knob and osd at backside	front knob and osd at back-side	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside
Power On/Off	front knob and osd at backside	front knob and osd at back-side	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside
Projected Capacitive Touch	YES	YES	YES	YES	YES	YES
Optical Bonding	YES	YES	YES	YES	YES	YES
Remote Control	Optional	Optional	Optional	Optional	Optional	Optional

# Wide Screen Displays



Seatronx Part Numbers:	SRT-15W & PHT-15W	SRT-185W & PHT-185W	SRT-21W & PHT-21W	SRT-24W-1080 & PHT-24W-1080	SRT-27W-1080 & PHT-27W-1080
FEATURES					
Diagonal (active area) Inch	15.6	18.5	21.5	24.0	27.0
Native Resolution (Pixels)	1920x1080	1920 x 1080	1920 x1080	1920 x 1080	1900 x 1080
Colors	16.2M	16.7M	16.7	16.7M	16.7M
Contrast Ratio	1500	1000	5000	1000	1000
Brightness Sunlight Readable (SRT)	1500	1500	1000	1000	1000
Brightness Pilot House (PHT)	400	300	300	350	350
Viewing Angle (left, right)	89,89	89, 89	89, 89	89, 89	89, 89
Viewing Angle (up, down)	89,89	89, 89	89, 89	89, 89	89, 89
Backlight Lifetime (Hrs)	50000	50000	50001	50000	50000
Backlight Dimming	0 - max	0 - max	0 - max	0 - max	0 - max
Input terminal x1 HDCP HDMI	HDMI,DVI,VGA, Comp	HDMI,DVI,VGA, Comp	HDMI,DVI,VGA, Comp	HDMI,DVI,VGA, Comp	HDMI,DVI,VGA, Comp
Power Source	9-34V + and -	9-34V + and -	9-34V + and -	9-34V + and -	9-34V + and -
Voltage Converter	9-34V (isolated)	9-34V (isolated)	9-34V (isolated)	9-34V (isolated)	9-34V (isolated)
Power Consumption (AMPS @ 24VDC)	SRT 3.2 / PHT 2	SRT 3.5 / PHT 1.5	SRT 3.5 / PHT 1.8	SRT 3.5 / PHT 1.8	SRT 3.5 / PHT 1.8
Inlet Plug DC Power	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal	Screw Terminal
Dimensions Front (w x h x d mm)	403.8 x 272.5 x 58 mm (15.89 x 10.72 x 2.28)	466.2 x 307.4 x 61mm (18.35 x 12.1 x 2.40)	538 x 345.4 x 58mm (22.95 x 13.59 x 2.28)	598.6 x 382.8 x 61mm (23.57 x 15.07 x 2.40)	660.6 x 418.0 x 61mm (26.01 x 16.46 x 2.40)
Cutout Dimensions (w x h x d mm)	385.8 x 254.5 x 61 mm (15.18 x 10.01 x 2.40)	448.2 x 289.4 x 61mm (17.65 x 11.39 x 2.40)	520 x 327.4 x 61mm (20.47 x 12.88 x 2.40)	580.6 x 364.8 x 61mm (22.86 x 14.36 x 2.40)	642.6 x 400 x 61mm (25.3 x 15.75 x 2.40)
Sealing Front	ip68 with potentiometer	ip68 with potentiometer	ip68 with potentiometer	ip68 with potentiometer	ip68 with potentiometer
Mounting	panel mount/Vesa	panel mount/Vesa	panel mount/Vesa	panel mount/Vesa	panel mount/Vesa
Operating Temperature (°C)	-20 to 75	0 to 70	to 50	0 to 50	0 to 50
Storage Temperature (°C)	-20 to 80	-20 to 70	-20 to 60	-20 to 60	-20 to 60
Parameter Adjustment	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside
Power On/Off	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside	front knob and osd at backside
Projected Capacitive Touch	YES	YES	YES	YES	YES
Optical Bonding	YES	YES	YES	YES	YES
Remote Control	Optional	Optional	Optional	Optional	Optional

SRT Series Sunlight Readable Touch Screen Displays	
Part #:	Description :
SRT-10	10" 1024x768 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
SRT-12	12" 1024x768 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
SRT-15	15" 1024x768 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
SRT-17	17" 1280x1024 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
SRT-19	19" 1280x1024 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
SRT-24	24" 1920x1200 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
<b>Wide Screen</b>	
SRT-15W	15" Wide Screen 1920x1080 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
SRT-185W	18.5" Wide Screen 1920x1200 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
SRT-21W	21" Wide Screen 1920x1080 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
SRT-24W-1080	24" Wide Screen 1920x1080 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
SRT-27W-1080	27" Wide Screen 1900x1080 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PHT Series Pilot House Touch Screen Displays	
Part #:	Description :
PHT-12	12" 1024x768 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PHT-15	15" 1024x768 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PHT-17	17" 1280x1024 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PHT-19	19" 1280x1024 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PHT-24	24" 1920x1200 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
<b>Wide Screen</b>	
PHT-15W	15" Wide Screen 1920x1080 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PHT-185W	18.5" Wide Screen 1920x1200 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PHT-21W	21" 1920x1080 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PHT-24W-1080	24" Wide Screen 1920x1080 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PHT-27W-1080	27" Wide Screen 1900x1080 Pilothouse touch screen display, 9-36vdc, 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
Low Cost AC Powered PH Series Pilot House NON TOUCH Displays	
Part #:	Description :
PH-15-AC	15" 1024x768 Pilothouse display, AC 110 Power Supply Included , 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PH-17-AC	17" 1280x1024 Pilothouse display, 12VDC AC 110 Power Supply Included , 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PH-19-AC	19" 1280x1024 Pilothouse display, AC-110 Power Supply Included , 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range
PH-24-AC	24" 1920x1200 Pilothouse display, AC 110 Power Supply Included , 1 HDMI, 1 DVDI, 1 VGA, 1 Composite, wide dimming range

**Controller Options:**

**PHT-SRT-CTL Universal Control**  
 For Up to 12 SRT/PHT Displays Power, Dimming and Input Selection



**SCC - Seatronx Command Control**  
 7" touchscreen panel premier modular digital switching solution for any multi-display projects.



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