

# SRT/PHT Series

## Vehicle Mount Displays

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



**10" Display**  
SRT/PHT-10



**12" Display**  
SRT/PHT-12



**15" Display**  
SRT/PHT-15

- Cost Effective Vehicle Mount 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                              |
|------------------------------------|---------------------------------------------|---------------------------------------------|----------------------------------------------|
| FEATURES                           |                                             |                                             |                                              |
| Diagonal (active area) Inch        | 10.4                                        | 12.1                                        | 15.0                                         |
| Native Resolution (Pixels)         | 1024 x 768                                  | 1024x768                                    | 1024x 768                                    |
| Colors                             | 16.2M                                       | 16.2M                                       | 16.2M                                        |
| Contrast Ratio                     | 1200                                        | 700                                         | 700                                          |
| Brightness Sunlight Readable (SRT) | 1500                                        | 1500                                        | 1800                                         |
| Brightness Pilot House (PHT)       | 500                                         | 700                                         | 700                                          |
| Viewing Angle (left, right)        | 89, 89                                      | 80,80                                       | 80, 80                                       |
| Viewing Angle (up, down)           | 89, 89                                      | 80,80                                       | 60, 80                                       |
| Backlight Lifetime (Hrs)           | 50000                                       | 50000                                       | 50000                                        |
| Backlight Dimming                  | 0 - max                                     | 0 - max                                     | 0 - max                                      |
| Input terminal x1 HDCP HDMI        | HDMI,DVI,VGA, Comp                          | HDMI,DVI,VGA, Comp                          | HDMI,DVI,VGA, Comp                           |
| Power Source                       | 9-34V + and -                               | 9-34V + and -                               | 9-34V + and -                                |
| Voltage Converter                  | 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                            |
| Inlet Plug DC Power                | 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) |
| 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)  |
| Sealing Front                      | ip68 with potentiometer                     | ip68 with potentiometer                     | ip68 with potentiometer                      |
| Mounting                           | panel mount/Vesa                            | panel mount/Vesa                            | panel mount/Vesa                             |
| Operating Temperature (°C)         | -30 to 70                                   | -30 to 85                                   | -30 to 85                                    |
| Storage Temperature (°C)           | -30 to 80                                   | -30 to 80                                   | -30 to 85                                    |
| Parameter Adjustment               | 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               |
| Projected Capacitive Touch         | YES                                         | YES                                         | YES                                          |
| Optical Bonding                    | YES                                         | YES                                         | YES                                          |
| Remote Control                     | 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 DVI, 1 VGA, 1 Composite, wide dimming range |
| SRT-12                                             | 12" 1024x768 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVI, 1 VGA, 1 Composite, wide dimming range |
| SRT-15                                             | 15" 1024x768 Sunlight readable touch screen display, 9-36vdc, 1 HDMI, 1 DVI, 1 VGA, 1 Composite, wide dimming range |
| PHT Series Pilot House Touch Screen Displays       |                                                                                                                     |
| Part #:                                            | Description :                                                                                                       |
| SRT-10                                             | 10" 1024x768 Pilot house touch screen display, 9-36vdc, 1 HDMI, 1 DVI, 1 VGA, 1 Composite, wide dimming range       |
| PHT-12                                             | 12" 1024x768 Pilot house touch screen display, 9-36vdc, 1 HDMI, 1 DVI, 1 VGA, 1 Composite, wide dimming range       |
| PHT-15                                             | 15" 1024x768 Pilot house touch screen display, 9-36vdc, 1 HDMI, 1 DVI, 1 VGA, 1 Composite, wide dimming range       |



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