



**Rugged Completely Sealed IP66/NEMA4X  
Stainless Steel Chassis/Surface Mount**

**SCHW4200-SF01**

42" LCD monitor LED backlight, 1920 x 1080, 450 nits, with 6mm AR Vandal proof glass, HDMI and DVI input, Auto Light Sensor, RS232 Remote Monitoring.

## FEATURES

- 42" Bright Active Matrix TFT Display, 450 Nits (cd/m<sup>2</sup>)
- 1920 x 1080 High Resolution
- NEMA 4X (IP66) 304 Stainless Steel Gasket Sealed Enclosure
- Input Interface VGA + DVI-D
- Included all water proof connectors and 6ft long water proof cables.
- LED backlight Energy Efficient, Low Power Consumption
- High Environmental Performance and Reliability
- Anti-Reflective Protective Glass
- Wide Operational Temperature Range, 0°C to +50°C (32°F to +122°F)
- RoHS Compliant
- VESA mount compliant.



NEMA 4X



VESA Mount



High Contrast



Low Power



Wide Viewing Angle

## OPTIONS

- Optional custom fitting for integrated computer Atom D2550 1.86 Hz, 32GB Wide temp SSD and 4GB Memory (DVI x 1 + RS232 x 1 + USB x 2 + POWER x 1 + LAN x 1)
- Optional Custom fitting for purging the monitor's enclosure
- Optional for 9-36V DC input
- Optional 5 Wired Resistive touch/ IR/ PCap Touch Screen (USB Default/ RS232 per request controller)
- Optional High Brightness 1000nits For Semi outdoor application
- Optional for Auto Dimming Sensor
- Optional for IR Remote Control with Front Sensor.
- Optional Heater for lower temperatures -30C (-22F)
- Optional Integrated VGA/ DVI Extender
- Transmission length up to 1,000ft over CAT5e cable for VGA input
- Transmission length up to 300ft over CAT5e cable for DVI input

## Rugged Completely Sealed IP66/NEMA4X Stainless Steel Chassis/Surface Mount LCD Monitor



**Water Proof Solution,  
Full IP NEMA4 Rating  
front and back**

**Stainless and  
Aluminum Housing  
Chassis Design**

**AR Glass  
Protective Glass at  
front**

**Optional High  
Brightness and  
Touch screen**

**\* IP65 Water and Dust proof  
connection for a higher protection**

**\* All Connectors are facing backward**



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USA Based Company. Most of our Industrial LCD Monitor are assembled, tested, shipped from our CA headquarter, giving us the ability to provide best service to your needs.

## SPECIFICATION

| LCD Display                     |   |
|---------------------------------|---|
| Size / Panel Type               | 42" TFT LCD Panel                           |
| Resolution                      | 1920 x 1080                                 |
| Brightness (cd/m <sup>2</sup> ) | 450 cd/m <sup>2</sup>                       |
| Contrast Ratio                  | 4000 : 1                                    |
| Response Time                   | 6.5 ms                                      |
| Backlight                       | CCFL (Optional: LED backlight unit)         |
| Colors                          | 16.7M colors                                |
| Viewing Angles                  | 178°/178°                                   |
| Surface Hardness                | 7~8H, AR Glass                              |
| Touch Screen (Optional)         |   |
| Touch Screen Type               | IP65 Front bezel if add IR Touch (Optional) |
| Surface Hardness                | 7~8H (AR Glass)                             |
| Environment                     |   |
| Operating Temperature           | 0°C~+50°C                                   |
| Storage Temperature             | -20°C~+60°C                                 |
| Humidity                        | 5%~95% RH(Non-Condensing)                   |
| Water-Proof Rating              | IP66/NEMA4, 6 Side Water-Proof              |

| System            |   |
|-------------------|---|
| OSD               | Menu, Auto, On/Off, Up, Down                |
| I/O Interface     | VGA x 1, DVI x 1, Power in x 1              |
| Power Input       | AC100~240V                                  |
| Power Consumption | 138W  |
| Certification     | FCC/CE/RoHS Compliance                      |
| Mounting          | 400 x 200mm (VESA); 400 x 340mm             |
| Dimension/Weight  | 1041.4mm (W) x 633.4mm (H) x 80mm (D)/37kgs |

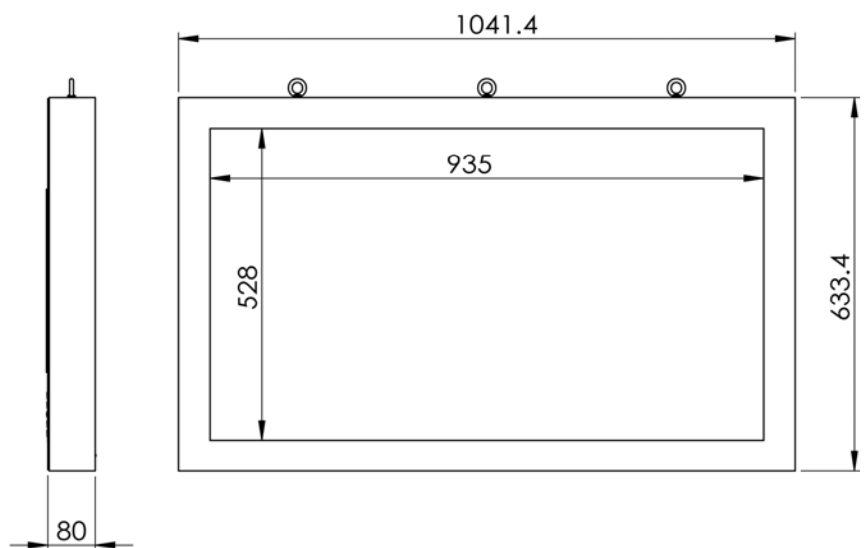
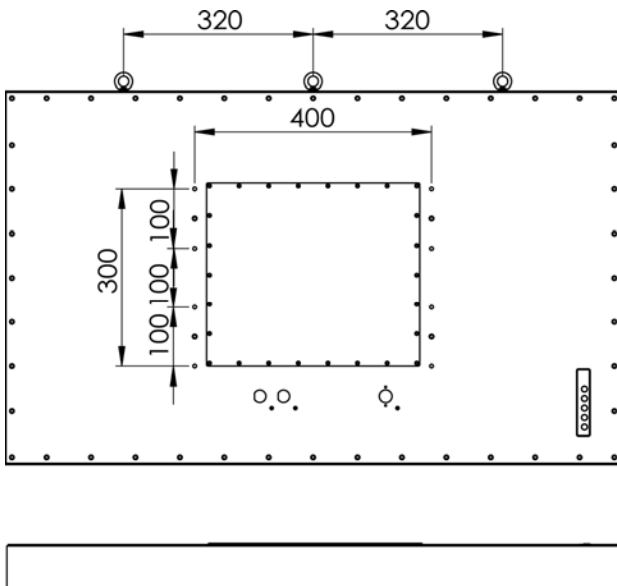
## ACCESSORIES

|                                     |
|-------------------------------------|
| Water proof VGA cables 6ft long x 1 |
| Water proof DVI cables 6ft long x 1 |
| External Power Adapter x 1          |

## PHOTO GALLERY



## MECHANICAL DRAWINGS



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