



## Rugged Completely Sealed IP66/NEMA4X Stainless Steel Chassis/Surface Mount Panel PC

# SCHW6500HB-SIP-PC

65" High Brightness Panel PC LCD monitor LED backlight, 1920 x 1080, 1000 nits, with 2mm AR glass and DVI with Intel® Atom D2550 Processor and NM10 onboard



NEMA 4X



VESA Mount



High Contrast



Low Power



Wide Viewing  
Angle



Built-in  
PC

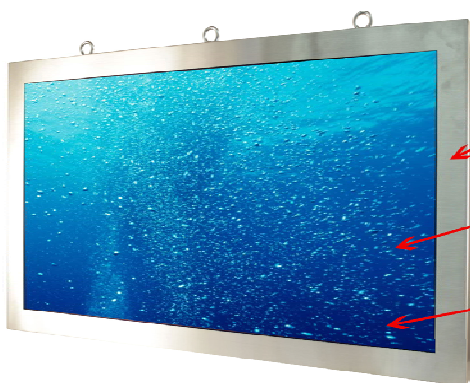
### FEATURES

- 65" Bright Active Matrix TFT Display, 1000 Nits (cd/m<sup>2</sup>)
- 1920 x 1080 High Resolution
- Built-in Intel Atom D2550 Dual Core 1.86Ghz CPU, Fanless Design, 32GB Wide temp SSD and 4GB Memory (DVI x 1 + RS232 x 1 + USB x 2 + POWER x 1 + LAN x 1)
- NEMA 4X (IP66) 304 Stainless Steel Gasket Sealed Enclosure
- DVI-D only for external video input
- 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.

### OPTIONS

- 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

|                            |  |   |   |
|----------------------------|--|---|---|
| <b>Panel</b>               | Cell Type / Glass Surface  | TFT LCD / Black Anti-Glare, low reflection coating          |   |
|                            | Aspect Ratio / Size  | Wide / 65" viewable diagonal area                           |   |
|                            | Active Area / Pixel Pitch  | 1428.48(H) x 803.52(V) mm / 0.744(H) x 0.744(V) mm          |   |
|                            | Native Resolution / Colors   | 1920(H) x 1080(V) / 16.7Million                             |   |
|                            | Brightness / Contrast  | 1000 cd/m <sup>2</sup> (typ) / 3000 : 1                     |   |
|                            | Response Time  | ≤ 8 ms  |   |
|                            | Viewing Angle (typical)  | H. 178o (- 89o ~ + 89o) , V. 178o(- 89o ~ + 89o)            |   |
|                            | Light Source   | LED backlight, Long life, 35,000 hrs (typ)                  |   |
| <b>Input Sources</b>       | PC System  | Signal  | Analog RGB (0.7/1.0 V <sub>p-p</sub> , 75 ohms)         |
|                            |  | Sync  | Separate Sync, Composite Sync, Sync On Green            |
|                            |  | Frequency   | F <sub>h</sub> : 30 - 82Khz , F <sub>v</sub> : 50 -75Hz |
|                            | Audio System   | 2W speaker x 2  |   |
| <b>Input Terminals</b>     | 1 x VGA (15 Pin Female D-Sub) , 1 x PC Audio (Stereo Headphone Jack) , 1 x DC Power Plug |   |   |
| <b>Convenient Features</b> | Auto Calibration , Back Light Adjustment , Plug&Play (VESA DDC/CI, DDC 2B)               |   |   |
|                            | OSD Multi-Languages , Wall Mount Ready (VESA 75 x 75 mm)                                 |   |   |
| <b>Power</b>               | Internal power supply with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz           |   |   |
| <b>Power Consumption</b>   | Operation / Power Saving   | 630 watt , < 5 watt (Support DPMS)                          |   |
| <b>Operating Condition</b> | Temperature / Humidity   | 0°C ~ 50°C (32°F ~ 122°F) , 10% ~ 90% (no condensation)     |   |
| <b>Storage Condition</b>   | Temperature / Humidity   | - 20°C ~ 60°C (- 4°F ~ 140°F) , 10% ~ 90% (no condensation) |   |
| <b>Certification</b>       |  | FCC , CE  |   |
| <b>Dimensions</b>          | Physical   | W x H x D = TBD   |   |
|                            | Carton   | W x H x D = TBD   |   |
| <b>Weight</b>              | N.W. / G.W.  | 65 Kgs / 69 Kgs   |   |
| <b>Container Loaded</b>    | 20ft / 40ft / 40ft HQ  | TBD (Sets , By pallet)                                      |   |

| Options | Touch            | Video / TV           | Enhanced Panel           | Others                       |
|---------|------------------|----------------------|--------------------------|------------------------------|
|         | Resistive touch  | SV + AV              | Panel with LED backlight | Digital Signage(Stand alone) |
|         | Capacitive touch | SV + AV + AV Looping | High brightness panel    | Networking Digital Signage   |
|         | SAW touch        | SV + AV + TV         | Wide Temperature         | Motion Sensor                |
|         | Infrared touch   |                      | Sunlight Readable        | Light Sensor                 |
|         | Protected glass  |                      |                          | Auto-Dimming                 |

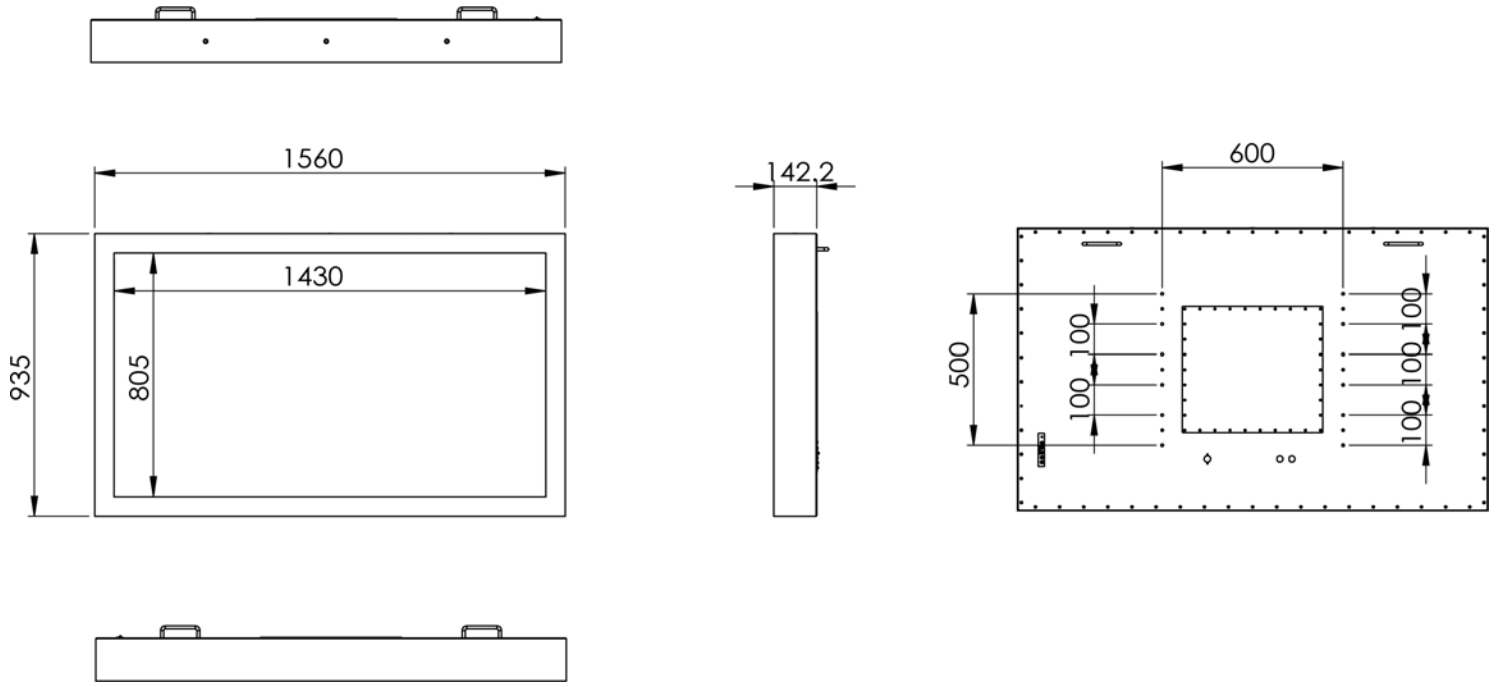
## ACCESSORIES

|                                      |
|--------------------------------------|
| Water proof DVI cable 6ft long x 1   |
| Water proof LAN cable 6ft long x 1   |
| Water proof Power cable 6ft long x 1 |
| RS232 Connector 6ft long x 1         |
| USB Connector 6ft long x 2           |

## PHOTO GALLERY



## MECHANICAL DRAWINGS



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