

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

Rugged Completely Sealed Full IP66/NEMA4X Stainless Steel Chassis/Surface Mount,  
19" LCD monitor , 1280 x 1024, 1000 nits, with Glass, VGA and DVI input

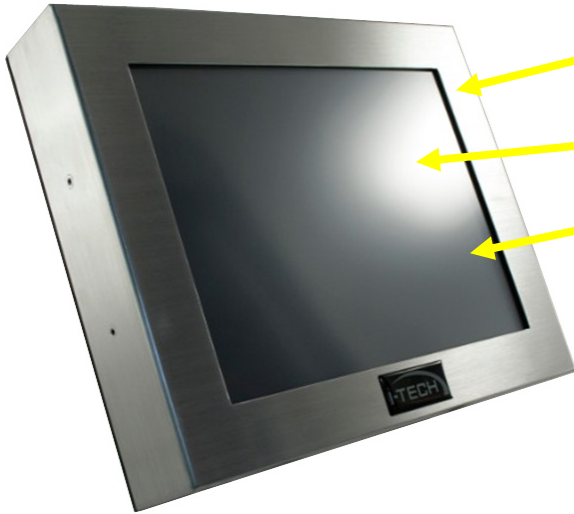


**1000 nits**

Model: SCH1900HB-SIP

## Features Highlights

Rugged Completely Sealed IP66/NEMA4X Stainless Steel Chassis/Surface Mount with All-in-One PC Fanless Solution



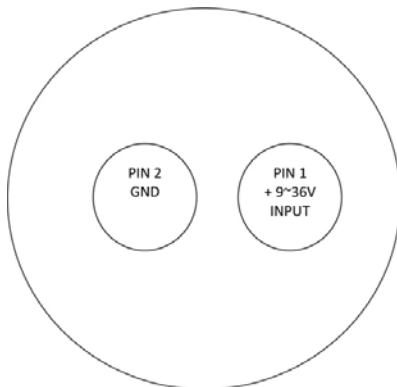
Water Proof Solution, Full IP/NEMA4 Rating  
front and back  
Stainless and Aluminum Housing Chassis Design

Optional High Brightness and Touch screen

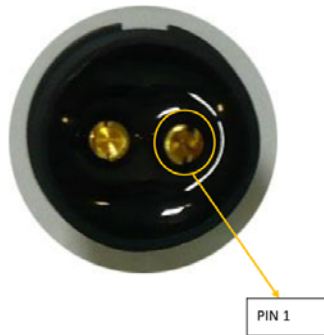
Glass Protective Glass at front



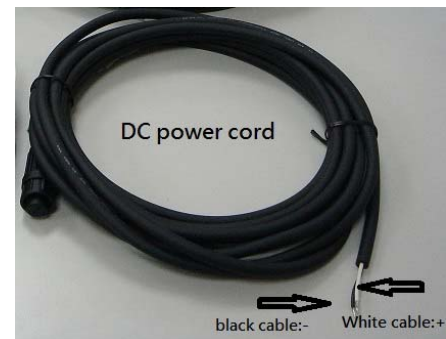
- IP65 Water and Dust proof connection for a higher protection
- All Connectors are facing back with IP66 water proof connectors
- Optional DC 9-36V input



IP67 Connector (DC)



PIN 1



## Features:

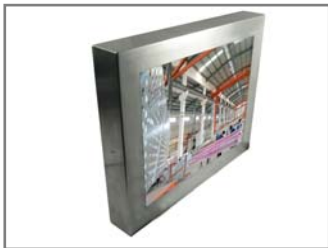
- Modular mechanism design provides flexible product configuration and easy maintenance.
- Stainless Steel Enclosure
- Optional with auto-brightness sensor offers application in day and night.
- Optional to built-in touch screen for interactive application

## Specifications:

|                            |   |  |   |
|----------------------------|---|--|---|
| <b>Panel</b>               | Cell Type / Glass Surface   | TFT LCD / Black Anti-Glare, low reflection coating         |   |
|                            | Aspect Ratio / Size   | 5 : 4 / 19" viewable diagonal area                         |   |
|                            | Active Area / Pixel Pitch   | 376.3(H) x 301.1 (V) mm / 0.294(H) x 0.294(V) mm           |   |
|                            | Native Resolution / Colors  | 1280(H) x 1024(V) / 16.7 Million                           |   |
|                            | Brightness / Contrast   | 1000 cd/m <sup>2</sup> (typ) / 800 :1                      |   |
|                            | Response Time   | ^ 5 ms   |   |
|                            | Viewing Angle (typical)   | H. 160° (- 80° ~ + 80°) , V. 160°(- 80° ~ + 80°)           |   |
|                            | Light Source  | CCFL , Long life, 50,000 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 JACK            |  |   |
| <b>Convenient Features</b> | Auto Calibration , Back Light Adjustment, Plug&Play (VESA DDC/CI, DDC 2B)                   |  |   |
|                            | OSD Multi-Languages , Wall Mount Ready (VESA 200 x 200 mm)                                  |  |   |
| <b>Power</b>               | External AC-to-12VDC power adapter with universal / Auto-Sensing, AC 90 to 260V, 50 / 60 Hz |  |   |
| <b>Power Consumption</b>   | Operation / Power Saving  | 32 watt, < 2 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  | With Base(W x H x D): TBD                                  |   |
|                            |   | Without Base(W x H x D): 500.0 x 429.0 x 72.0 (mm)         |   |
|                            | Carton  | W x H x D = TBD  |   |
| <b>Weight</b>              | N.W. / G.W.   | 12.0 Kgs/14.0 Kgs  |   |
| <b>Container Loaded</b>    | 20ft / 40ft / 40ft HQ   | 816 /1632 / NA (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                 |

## Photos (Model: SCH1900HB-SIP-PC)



Mechanical Drawing

