1000 nits

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

SCHW4600HB-SIP-PC-IR

46" 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, IR touch Screen and USB Controller

IP66 NEMA 4X	VESA Mount	High Contrast	Low Power	Wide Viewing Angle	Built-in PC

FEATURES

- 46" Bright Active Matrix TFT Display, 1000 Nits (cd/m²)
- 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

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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**

SPECIFICATION

LCD Display	
Size / Panel Type	46″ TFT LCD Panel
Resolution	1920 x 1080
Brightness (cd/m²)	1000 cd/m²
Contrast Ratio	5000 : 1
Response Time	8.0 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~+50ºC
Storage Temperature	-20°C~+60°C
Humidity	5%~95% RH(Non-Condensing)
Water-Proof Rating	IP66/NEMA4, 6 Side Water-Proof

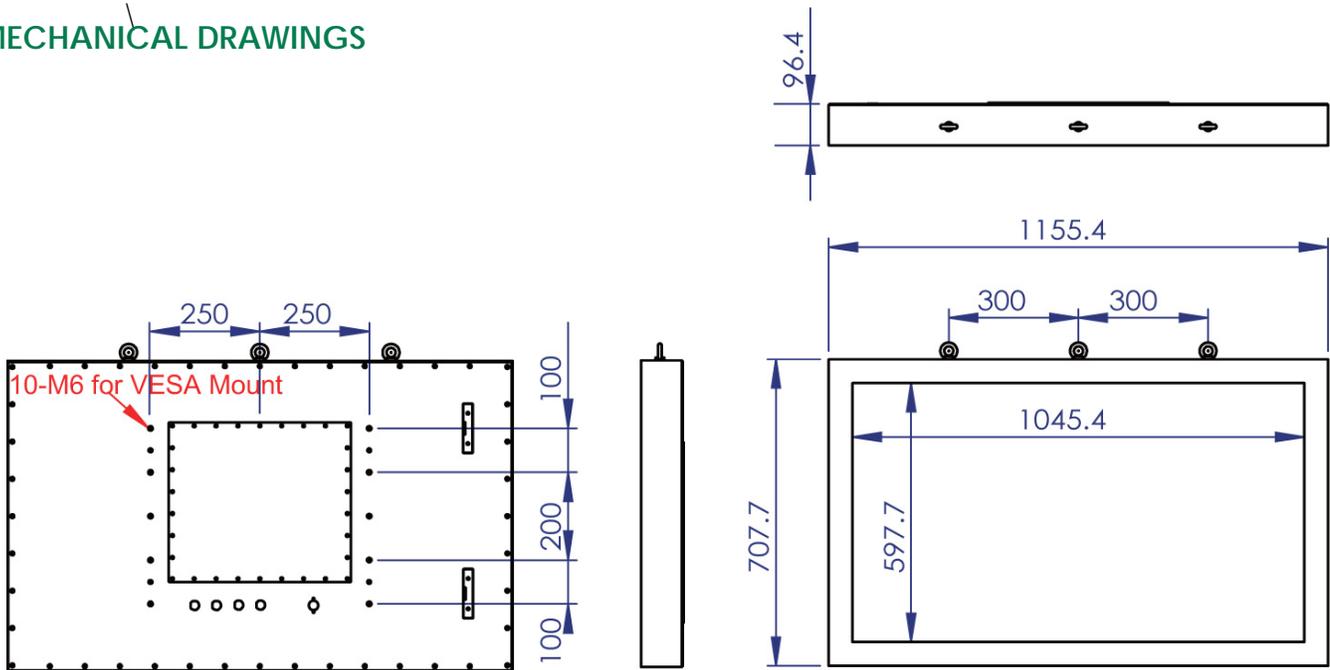| System	
CPU / Memory	Intel Atom D2550 Dual Core 1.86Ghz / 4GB DDR3
OSD	Menu, Auto, On/Off, Up, Down
I/O Interface	DVI x 1 + RS232 x 1 + USB x 2 + POWER x 1 + LAN x 1
Power Input	AC100~240V
Power Consumption	155W
Certification	FCC/CE/RoHS Compliance
Mounting	500 x 200mm; 500 x 400mm
Dimension/Weight	1155.4mm (W) x 707.7mm (H) x 96.4mm (D)/40kgs

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

96.4

1155.4

300 300

1045.4

707.7

597.7

250 250

10-M6 for VESA Mount

100

200

100

Unit:mm

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I-TECH COMPANY

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.