



PRODUCT SPECIFICATION APPROVAL

Part name:	21.5" Display
Part number:	PN11808 - CT300-21518
Vendor:	Simpex Electronic AG

Simpex Electronic AG
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DISPLAY PARAMETERS

Basic hardware specification

Display color	Black
Cover type	7H Tempered glass cover (black) / Antiglare
Touch type	10 dots touching
Display size	21.5 inch
Resolution	1920 (H) x 1080 (W)
Panel brightness	300 cd/m ² (Typ.)
Viewing angle	89/89/89/89 (Typ.) (CR≥10) (left/right/up/down)
Interfaces	1x VGA interface / Input 1x HDMI interface / Input 1x Touch USB interface (USB-B) interfaces / Output 2x Expansion USB-Hub: (USB-A,0.50A) / Output
Audio interface	1x 3.5mm Audio output interface / Output 1x HDMI Audio input
Touch interface	1x USB/B PCAP-touchscreen communication input interface / Output
Power input	DC 24V (Typ 0.55A / 13W)

Additional parameter

Work temperature	0°C ~ 60°C
Storage temperature	20°C ~ 70°C
Display size	540 x 332 x 40.2 mm / 5.35 kg
VESA mount	75 / 100mm

Testing parameter

EMC applicability	Comply with EN55011, EN61000, CCC, CE, FCC, CB. Requirements refer to GB9254-2008
MTBF	Refer to GB/T5080.7, Reliability Electronic: MTBF50000 hours
ESD	IEC61000-4-2/2008 Air discharge: 8kV; contact discharge: 4kV; Short-term dysfunction is allowed, which can be automatically restored, no manual reset
Pixel error	TBA

Packing Specification

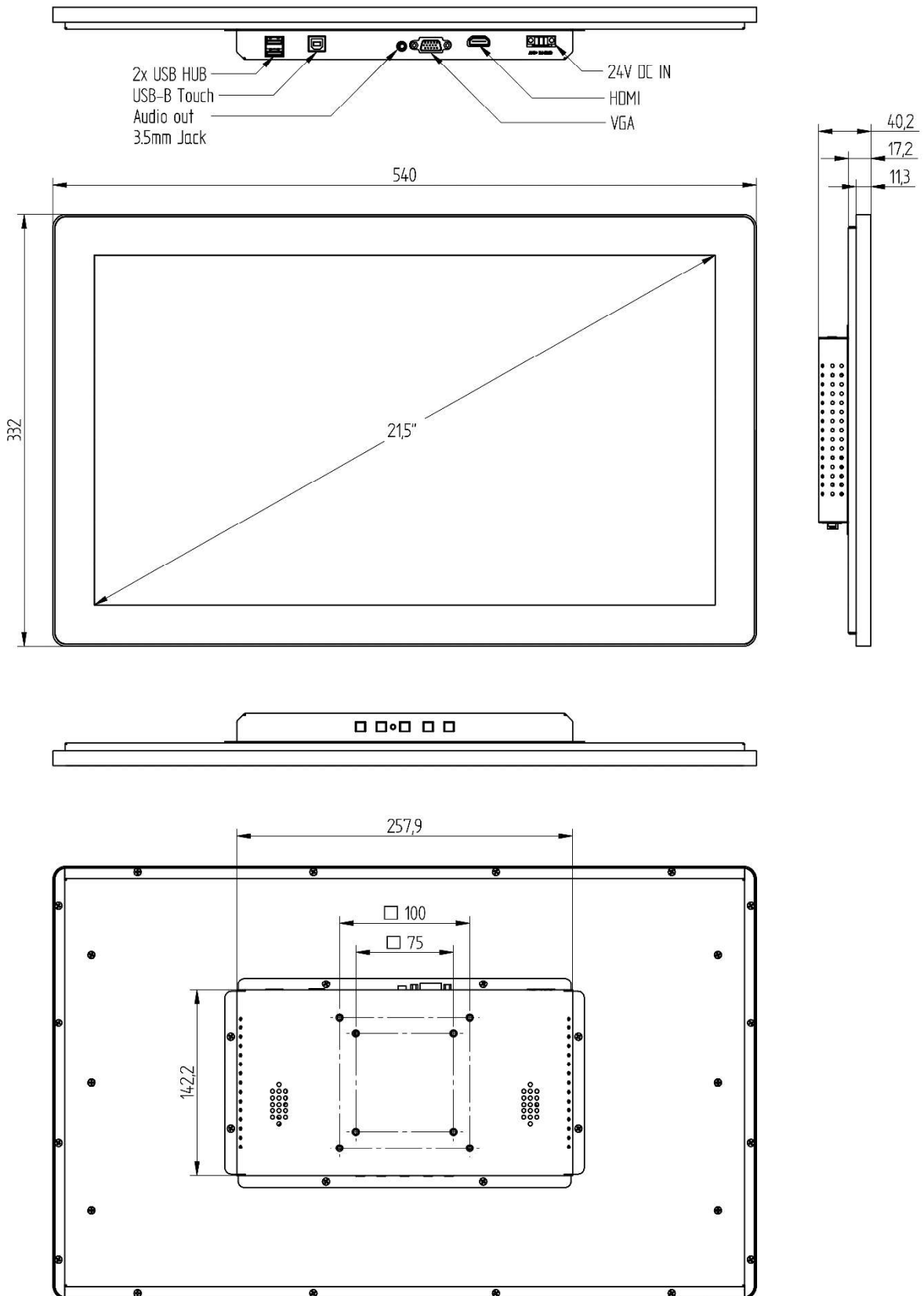
Display	1x 21.5" display
Packing size	637 x 120 x 390mm
Cables	depending, TBD

DISPLAY PARAMETERS

1.1 Display view



DISPLAY PARAMETERS



INSTRUCTIONS FOR USE

During assembly and use, pay attention to the following (and not limited to) instructions:

- Make sure the socket you are using is well grounded and connect the power supply away from high-power equipment.
- Connect the power supply stable and make good grounding protection to avoid lightning strikes. Only use power supply added in shipment with the display.
- Do not squeeze nor strongly hit the touch area on the whole display shell or metal shell.
- Do not use or store in strong magnetism, high temperature, high humidity, high acid/alkali/salt environment.
- Do not use close or in flammable materials, gas and dust.
- Keep the whole display in an air ventilated environment and prevent the display area from direct sunlight.
- Do not use acid or other chemicals for cleaning the surface nor the metal of the display.
- Non-professionals are prohibited from touching the internal circuits of the whole display to avoid electric shock or damage to the circuits.
- Opening the display, makes the guaranty void. Any internal repair is only done by vendor.
- Respect ambient conditions of max 0-45° C and max 75% humidity to achieve predicted lifetime. Any deviation or usage on max temp. of 60° C causes direct lifetime reduction.
- In case power-on fails, control power supply and reconnect cable (In/Out), if still black display pls contact vendor.
- All mentioned technical information in this datasheet can change over time, all change will be informed by PCN (product change notification).
- Damages in transportation need to be reported to vendor immediate (shadow in display, scratch in metal shell)
- Guarantee is starting at delivery date or date of import tax documentation, which occurs earlier.
- Carefully check the use of our display, you agree with your purchase that the usage is free of risky, damaging, life causing use. Use of RCD circuit breaker is always demanding.
- all deviation is to your own risk and vendor is free of any caused damage.