

Aurora AVS-Smart Display Vehicle Solutions

- ▶ 10" Smart Display
- ▶ TFT LCD with rugged resistive type touchscreen
- ▶ Five user-programmable function keys
- ▶ Two 2-watt speakers
- ▶ Built-in light sensor for automatic dimming
- ▶ Easily installed and paired with Smart Display computing box via a single-cable connection
- ▶ Wide working temperature range (-30° C ~ 70° C)
- ▶ Optional monitor hood supports operation in direct sunlight for demanding environments



SPECIFICATIONS

LCD

Design Compatible Models

- Paired with Smart Display computing box

Resolution

- XGA (1024 x 768)P

Video Interface

- Single channel, 18-bit LVDS

Pixel Pitch (H * V)

- 0.2055 * 0.2055

Brightness (cd/m2)

- 400

View Angle (H * V)

- 178° * 178°

Contrast Ratio

- 1400

Backlight Type

- LED

Backlight Life (Hrs)

- 50K

TOUCHSCREEN

Size

- 10.4" (4:3) Format

Type

- 5-wire Resistive

Transparency

- 80% ± 3%

FRONT PANEL

Speaker

- 2 x 2-watt speaker

Hotkeys

- 5 x User-programmable Function key with green LED

Brightness Control

- 1 x Built-in light sensor for auto-dimming implementation

REAR & RIGHT SIDE

Smart Display Port

- 1 x 36-pin locking type high density connector to be paired with Smart Display

USB Port

- 1 x USB 2.0 Host Type A

Power button

- 1 x Power button

Reset button

- 1 x Reset button

POWER I/O

DC Input

- 12 V \pm 5%

Power Consumption

- 8W (Nominal), 14W (Max.)

GENERAL

Mounting

- VESA (75 * 75 mm), RAM Mount

Material

- PC

Expansion (via I/O extension)

- V2X: 1 x full-size mini PCIe (USB2.0) for V2X module

Dimensions (W * H * D)

- 303 * 226 * 35 mm

Weight

- 1.7Kg

Protection

- IK-06 (Resistance against impacts with an energy up to 1,00 J)
- Touch Screen: IP Rating IP55 (with I/O Cover), Durability (Knock test > 35,000,000 times), Hardness (3H)

Approvals

- Vibration MIL-STD-810G, SAE J1455 4.9.4.2
- CE, FCC

Operating Conditions

- -30° C ~ 70° C (-22°F~ 158°F)

Storage Conditions

- -40° C ~ 80° C (-40°F~ 176°F)