



CALKiN VSD Series

Vehicle Signage Display with Capacitive Touch (optional)

Public Vehicle Digital Monitor/Signage High Brightness

CALKiN Public vehicle digital monitor/signage is designed for digital signage system in mass transportation.

CALKiN VSD series is designed to have these following;

- Advanced thermal management
- Low energy consumption
- Good viewing angles
- High brightness for clear information display in bright lighting conditions
- Easy mechanical integration options with VESA standard mounting
- Support of a wide variety of video and audio formats;
- Versatile integration with physical connecting port (RJ45 LAN/ Audio output/ HDMI out)
- Easy installation and maintenance.
- 12volt DC input for vehicle power supply

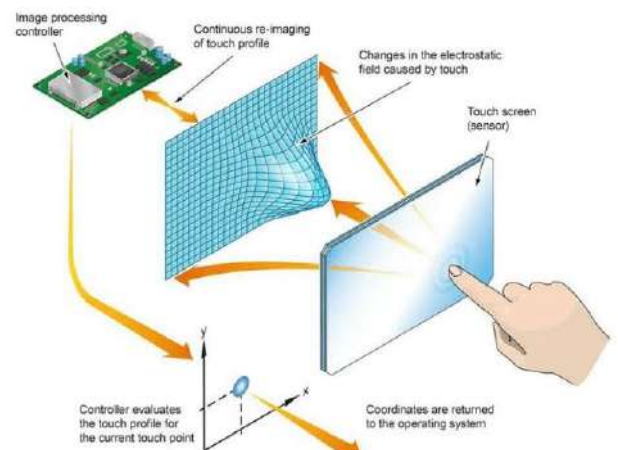


VESA Mounting Monitors

VESA® defines standards for mounting interfaces on monitors and TVs. The advantages of the VESA mount standard are many: It allows low-cost installation of displays into a broad range of applications while positioning screens for increased flexibility and ergonomic benefit. attachment to VESA mounts, ideally the hole pattern at center-positioned pattern minimizes torquing forces applied to the mount, allowing it to hold a heavier load.

Capacity Touch Screen for fast and high sensitivity control

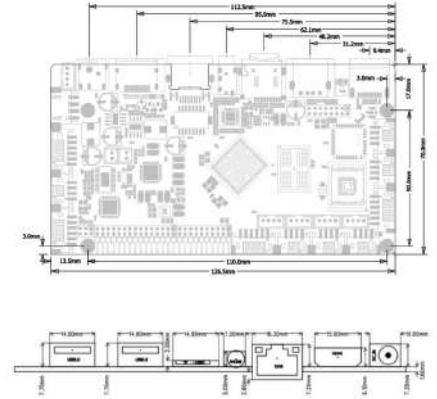
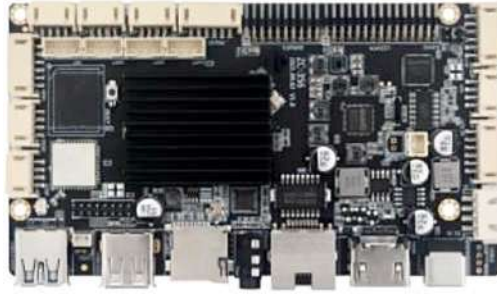
Capacitive touch technology offers excellent screen sensitivity when used with a finger or stylus. The surface of these devices will respond to varying degrees of pressure, as opposed to a resistive touch screen where firm and direct pressure must be used.



Full size signal output ports for easy installation and professional applications

- 1x HDMI output
- 1x Audio output
- 1x RJ45 LAN input
- 2x USB inputs

**** 3x USB and 1x USB-C input for 21.5" VSD2149**



High Brightness (VSD2150T)

High bright display is suitable for using as front driver display where screen is installed near large clear front windshield or door access in any vehicle. High Brightness IPS displays feature powerful LED backlights, providing a brightness up to 500cd/m² (700cd/m² can be customized). In areas with a high ambient brightness, displays with normal brightness is often difficult to read. The display looks dark and faded. Our high brightness display features a bright backlight allowing perfectly readable content under these conditions.



Rockchip RK3566 specifications

| | |
|------------------------------|--------------------------|
| Brand | Rockchip |
| Name | Rockchip RK3566 |
| Model | Cortex-A55 |
| Release date | 2021 |
| CPU configuration | 4x1.8 GHz ARM Cortex-A55 |
| Instruction set architecture | ARMv8-A |
| Frequency | 1800 MHz |
| Cores | 4 |
| Word Size | 64 bit |

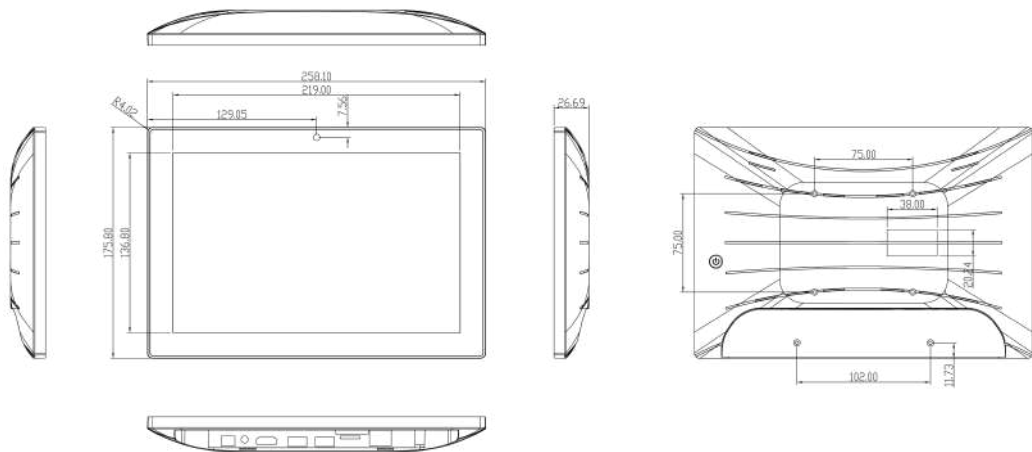
**** A133 Quadcore 1.6Ghz for 21.5"VSD2149**



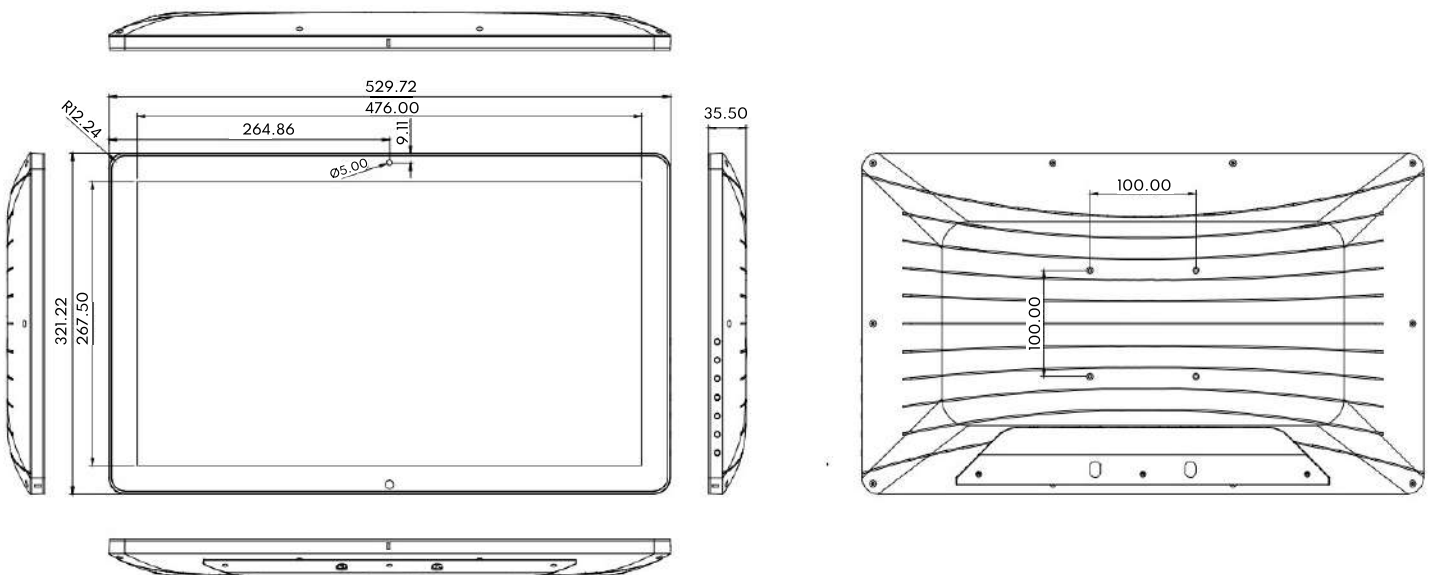
(Only on capacitive touch model)



10.1" Dimension



21.5" Dimension



CALKiN VSD Series

| Model No. | 10.1" VSD1011T | 10.1" VSD1012T | 10.1" VSD1013T |
|-----------------------|----------------|---|----------------|
| Backlight | | LED Backlight | |
| Panel Type | | IPS | |
| Active Display (mm) | | 219*316.8 | |
| Brightness | | 250 nits | |
| Resolution | | 1280*800 | |
| Aspect Ratio | | 16:9 | |
| Contrast Ratio | | 1100:1 | |
| Pixel Pitch | | 0.2745(W)mm X 0.2745(H)mm | |
| Viewing angle | | 89°/89°(L/R),89°/89°(U/D) | |
| Display Color | | 16.7M | |
| Response Time | | 12ms | |
| Output Interface | | HDMI Output (Mirror Screen), Audio Output | |
| Input Interface | | RJ45 LAN, 2*USB | |
| Touch Panel | | Capacitive touch | |
| Speaker | - | - | - |
| Cooling method | | Air cooling cycle | |
| Working Voltage | | DC / 12V | |
| Power Consumption | | ≤80W (Average) | |
| Standby Consumption | | 3W | |
| Case | | ABS Plastic Casing + AR Toughened Glass | |
| Dimension(W x H x D) | | 258.1*175.8*26.69 | |
| Operating Temperature | | -10°C~50°C | |
| Storage Temperature | | -20°C~60°C | |
| Network | | Wifi 802.11 a/b/g/n/ac + LAN 10/100 | |
| Mounting | | VESA 75*75 mm | |
| CPU | | RK3566 Quadcore 1.8GHz | |
| Usage | | 7*24 Hrs | |
| OS | | Android 11 | |
| Memory | 4GB+32GB | 8GB+64GB | 8GB+128GB |

CALKiN VSD Series

| Model No. | 21.5" VSD2149 | 21.5" VSD2150 | 21.5" VSD2150T |
|-----------------------|--------------------------|--|--|
| Backlight | | LED Backlight | |
| Panel Type | | IPS | |
| Active Display (mm) | | 476*267.5 | |
| Brightness | 250 nits | 250 nits | 500 nits |
| Resolution | | 1920*1080 | |
| Aspect Ratio | | 16:9 | |
| Contrast Ratio | | 1100:1 | |
| Pixel Pitch | | 0.248(W)mm X 0.248(H)mm | |
| Viewing angle | | 89°/89°(L/R),89°/89°(U/D) | |
| Display Color | | 16.7M | |
| Response Time | | 14ms | |
| Output Interface | Audio Output | HDMI Output (Mirror Screen), Audio Output | HDMI Output (Mirror Screen), Audio Output |
| Input Interface | RJ45 LAN, 3*USB, 1*USB-C | RJ45 LAN, 2*USB | RJ45 LAN, 2*USB |
| Touch Panel | - | - | Capacitive touch |
| Speaker | 2 Speaker / Audio Out | 2 Speaker / Audio Out | 2 Speaker / Audio Out |
| Cooling method | | Air cooling cycle | |
| Working Voltage | | DC / 12V | |
| Power Consumption | | ≤80W (Average) | |
| Standby Consumption | | 3W | |
| Case | | ABS Plastic Casing + AR Toughened Glass | |
| Dimension(W x H x D) | | 529.72*321.22*35.50 | |
| Operating Temperature | | -10°C~50°C | |
| Storage Temperature | | -20°C~60°C | |
| Network | | Wifi 802.11 a/b/g/n/ac + LAN 10/100 | |
| Mounting | | VESA 100*100 mm | |
| CPU | A133 Quadcore 1.6Ghz | RK3566 Quadcore 1.8GHz | RK3566 Quadcore 1.8GHz |
| Usage | | 7*24 Hrs | |
| OS | Android 10 | Android 11 | Android 11 |
| Memory | 4GB + 32GB | 8GB + 64GB | 4GB + 32GB |

 CE Certified