

TDS2138H 16:9 (1500nits)

Outdoor Open-Frame Touchscreen Monitor



**Optically Bonded
1500 NIT Display**



**Direct Sunlight
Readability**



**Built-in
Temp Control**

Features

- + Flat, open-frame structure, made of metal, surface rust prevention treatment
- + Stepped front frame, waterproof and dustproof, easy to integrate and maintain
- + Outdoor protective function
 - Protection from direct sunlight: Ultraviolet and infrared protection technology effectively inhibits the accumulation of internal heat
 - Anti-fogging: The touch display module uses a full lamination process, eliminating air gaps
 - Anti-glare: The touchscreen features an anti-glare coating, ensuring a clear image even in sunlight
 - Anti-peeling: The screen printing area of the touch screen uses UV-resistant ink to prevent printing peeling
 - Prevents screen blackout: Wide temperature range of -10°C to 55°C, reducing the risk of screen blackout at high temperatures
- + Intelligent control system
 - Temperature sensor: Controls fan speed based on internal temperature to achieve cooling
 - Light sensor: Automatically adjusts screen brightness based on ambient light conditions
- + Industrial-grade LCD, 1500 nits brightness, 50,000-hour backlight lifespan.
- + Full viewing angle, 1920X1080FHD@60Hz, supports both portrait and landscape display
- + 10-touch projected capacitive touchscreen, even water droplets can be touched.
- + Multiple mounting holes are provided on the side and back for easy kiosk integration
- + Support OS: Windows/Android/Linux
- + 2-year Warranty

Option: ◉ NO TOUCH ◉ 3MM-5MM GLASS ◉ 1000-1500nits ◉ Polarizer ◉ DP interface

2138H High Brightness Open-Frame Touchscreen Monitor

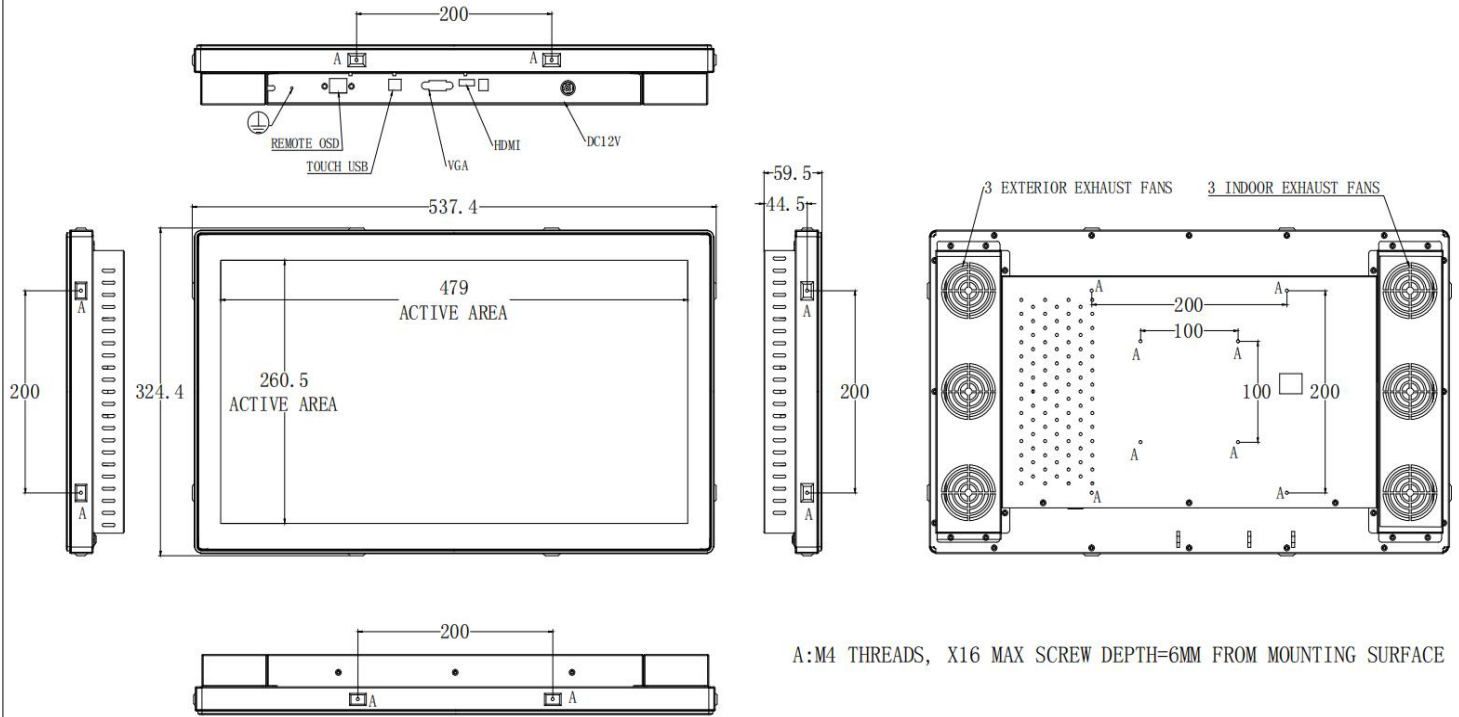
Diagonal	21.5" (16:9)
Color	Black/silver
Active Area	481.1(W)×262.7(H) mm
Native Resolution	1920X1080FHD@60Hz
Number of Colors	16.7 million
Viewing Angle	89/89/89/89 (Typ.)(CR≥10)
Contrast Ratio	1000:1
Brightness	LCD: 1500nits; Touchscreen: 1350nits
Response	14ms
Touchscreen	Projected capacitive touchscreen
Number of Touches	10-touch with USB
Touch glass	3mm
Touch mode	Finger/Stylus/Gloves (thickness≤ 2mm) *Supports touch even when palm is resting on the screen. *Supports touch even with water droplets on the screen.
Outdoor protective	Infrared blocking rate: 89.4% Ultraviolet blocking rate: 97% Anti-glare coefficient: Medium haze (10% - 15%). Allows for clear viewing of the screen in bright light Total solar heat rejection ratio: 52% (direct transmitted heat). Explosion-proof: Withstands a 450g steel ball dropped vertically from a height of 1.0m onto the center of the glass without breaking. Waterproof: The front frame is sealed to the touchscreen glass edge, preventing water from entering the display after spillage.
Light sensor module (External)	Automatically adjusts screen brightness based on ambient light. The factory default settings are as follows: * Automatically reduce monitor brightness in low ambient light to avoid excessive glare and save energy; * Automatically increase monitor brightness in high ambient light to ensure clear visibility of content.
Temperature sensor (built-in)	Displays startup and operating temperatures, and controls fan speed based on internal temperature to achieve cooling. Factory default settings are as follows (accuracy range ≤ 2°C): * Internal sensed temperature > 30°C, cooling fan starts * Internal sensed temperature < 30°C, cooling fan stops
I/O Interface	1*USB(touchscreen),1*HDMI,1*VGA,1*DC,1*OSD
Input Voltage	AC: 100-240 VAC,50/60 Hz; +12VDC +/- 5%
Power Supply	12V8A(Power Jack : 2.1mmx5.5mm) Options: Aviation Connector/Locking Connector (additional purchase required)
Power Consumption	Monitor + adapter - ON: 56W; SLEEP from PC: 1.8W
Temperature	Operating: -10°C-55°C; Storage: -20°C-70°C
Humidity	Operating: 10%-70%; Storage: 10%-80%
Mounting Options	100mm&200mm VESA mount on rear of unit; 2 hole mounting interface on all four sides; Flush mount with included brackets
MTBF	50,000 hours
Dimensions	537.4X 324.4X59.5(mm)
Shipping Dimensions	620X405X190(mm)
Weight(net.)	6.5KG
Agency Approvals	FCC; CE; ROHS;
What's in the Box	1*USB cable, 1*HDMI cable, 1*Power adapter, 1*DC cable, 1*OSD Side mounting bracket/screws (sold separately)

*This product is an embedded device and requires integration with a cabinet enclosure for use.

*Please ensure that the cabinet has a proper cooling and airflow design for both the front and back of the touchscreen display to guarantee stable and long-term operation of the touchscreen display in outdoor environments.

*When installing outdoor equipment, try to avoid positioning the touch screen display at an angle where it will be exposed to direct sunlight.

TDS2138H-1500nits



A:M4 THREADS, X16 MAX SCREW DEPTH=6MM FROM MOUNTING SURFACE

Dimensions are in millimeters

