

TDD-ODS-550H

55" High Brightness Outdoor Digital Signage (Displays)



Overview

The **TDD Outdoor Digital Signage** solution is designed for outdoor use, featuring a remarkable brightness of 2000 nits to 5,000 nits for clear visibility in direct sunlight. Its slim and lightweight design is paired with robust protection, offering an IP56 rating for weather resistance and IK10 certification for impact durability. This versatility makes it ideal for applications like outdoor menu boards, kiosks, and advertising displays. Supporting both portrait and landscape orientations, the **TDD-ODS Series** includes multiple connectivity options such as HDMI and USB, along with web-based remote monitoring, ensuring seamless control and management for effective digital communication in various outdoor environment projects.

Features

- **High Brightness:** Delivers an impressive up to 5000 nits for exceptional visibility in direct sunlight.
- **Durable Design:** Features IP56 weather resistance and IK10 impact protection, ensuring reliable outdoor performance.
- **Versatile Connectivity:** Multiple **M12 Metal I/O Connectors**, flexible mounting in any table, kiosk or cabinet control.

Specifications

System

Processor	Android: RK3188/RK3288/RK3566/ RK3568 Quad-core Cortex-A9/A17/ A55 1.6/1.8/ 2.0GHz Windows: Intel® J1900 / J4125 Quad Core 2.0 / 2.7GHz / Intel® Core™ i3 / i5 / i7 / i9 4-13 th G
Memory(RAM)	Android: 1 / 2GB(std) / 4 / 8 / 16GB; Windows: DDR3/4 2 / 4(std) / 8 / 16 / 32 / 64GB
Storage	Android: 4/8/ 16(std) /32/64GB eMMC Flash; Windows: 32/ 64(std) /128/256/512GB SSD/HDD

Panel

Size / Active Area (mm)	55"(16:9), 139.7cm, Active matrix TFT LCD (LED) / 1209.6 mm x 680.4 mm
Resolution / Contrast	1920 x 1080 / 1200:1
Viewing Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° total
Color Depth/Brightness	16.7 million / 2000 - 5000 nits
Response Time / Freq	8 (Typ.)(Tr+Td) ms / Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz

Tempered Glass **3-6mm, Ultra Clear, Anti-mist Optical Bonding**

Touch(None, option) PCAP (Projected Capacitive) - 10 Touch Capacity

Surface Treatment Water, Dust & Vandal proof; **Optional:** Anti-glare, Anti-fingerprint, Anti-smudge, Anti-bacterial

I / O Ports

Android	USB x1 / HDMI x1 / LAN x1 / WIFI x1 / DC x1 / Audio x1
Windows	N/A

Power Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 330W typical, 1.5W sleep, 0.5W off

Mechanical (Monitor) Product Dimensions: 1292.5 x 737.4 x 88mm / Weight (Unpacked / Packed): 40 / 46 kg
Box Dimensions: N/A / VESA Mounting: N/A

Environmental Operating / Storage Temperature: -30°C to 50°C

Accessories Power adapter / cable, wall mount brackets w/screws (opt.)

Others MTBF / Warranty / Enclosure Color: 50,000 hours demonstrated / 1-year / black | silver
Ready for Use: 24/7, **IP Rate: IP56, Direct Sunlight: Yes**

* TDD (www.tddtouch.com, sales@tddtouch.com) reserves the right to change specifications without prior notice.