

TDD-TS-121S

12.1" Commercial Touchscreen Signage



Overview

The **TDD Commercial Touchscreen Signage** series features sleek, modern designs optimized for retail, corporate, hospitality, and public environments. Available in desktop and wall-mount configurations with 7-32" sizes, it delivers reliable, responsive multi-touch interaction with high brightness displays and excellent visual clarity. Designed for continuous commercial operation, this series offers durable construction, flexible installation, and cost-effective performance for interactive advertising, wayfinding, self-service information, and brand engagement applications.

Features

- Touch thru glass enabled with responsive touch technology to create engaging, interactive experiences
- Desktop or wall mount design with **lightweight, durable & cost-effective plastic enclosure**
- IP65 (front) for water and dust protection, flexible mounting in any table, kiosk, or cabinet design

Specifications

System

Processor	RK3188 / A64 / RK3128 Quad-core Cortex-A9/A53/A7 1.6/1.2/1.3 GHz, Android 4.4 5.1/6/7.1, 1+8 / 1+8 / 1+32 GB PX30 / RK3288 Quad-core Cortex-A35/A17 1.5/1.8 GHz, Android 8.1 / 6.0 7.1 8.1 9.0 10 RK3399 / RK3566 / RK3568 Hexa-core Cortex-A72/A53 / Quad-core Cortex-A55 2.0 / 1.8 / 2.0 GHz, Android 7.1 8.1 9.0 10 11 / 11 / 11, 1+8 / 2+16 2+32 4+32 4+64 GB RK3588 / RK3562 / RK3576 Octa-core Cortex-A76/A55 / Quad-core Cortex-A53 / Octa-core Cortex-A55 2.4 / 1.8 / 2.2 GHz, Android 12 / 13 / 14, 4+32 8+32 8+64 8+128 16+128 / 2+32 4+32 / 4+32 8+64 8+128 16+128 GB
Support	Video (MPEG-1, MPEG-2, MPEG-4, H.263, H.264, RV), Audio (MP3, M4A, AAC), Photo (JPG, JPEG, PNG)

Panel

Size / Active Area (mm)	12.1"(16:10), 30.734cm, Active matrix TFT LCD (LED) / 260 mm x 161 mm
Resolution / Contrast	1280 x 800 / 800:1
Viewing Angle	Horizontal: 80° or 160° total / Vertical: 80° or 160° total
Color Depth/Brightness	16.7 million / 300 nits
Response Time / Freq	25 (Typ.)(Tr+Td) ms / Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz

Touch

Touch Technology / OS: PCAP - 10 Touch Capacity / Windows / Android / Linux / Mac

I / O Ports

Standard I/O: TF x1, HDMI out x1, USB 2.0 x1, RJ45 x1, 3.5mm Audio x1, 5.5mm DC x1

Upgraded Network

RK3566/3568/3399: USB 3.0 x1, **RK3588:** USB 3.0 x1 + Type-C x1
WiFi: 802.11b/g/n, Ethernet: RJ45, Bluetooth: 5.0, supports external 3G/4G USB dongles

Power

Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 12.2W typical, 1.2W sleep, 0.5W off

Mechanical

Product Dimensions: 309 x 214 x 26mm / Weight (Unpacked / Packed): 0.62/1 kg
Box Dimensions: 362 x 310 x 65mm / VESA Mounting: 75 x 75mm

Environmental

Operating / Storage Temperature: 0°C to 50°C / -10°C to 60°C

Accessories

Power adapter/cable, desktop bracket, user manual, remote control/wall mount kits (**optional**)

Others

MTBF / Warranty / Enclosure Color: 30,000 hours demonstrated / 1-year / black | white
Audio/Input: 2x2W Speakers; Wireless Mouse/KB supported, Camera: 2MP (Standard) / 5MP (Optional), System: Multi-language OSD; Supports custom App installation.

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