TDD-TS-80X
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)	8"(16:10), 20.32cm, Active matrix TFT LCD (LED) / 174 mm x 109 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	RK3566/3568/3399: USB 3.0 x1, RK3588: USB 3.0 x1 + Type-C x1
Network	WiFi: 802.11b/g/n, Ethernet: RJ45, Bluetooth: 5.0, supports external 3G/4G USB dongles
Power	Supply / Consumption: 100-240 VAC / 12VDC +/- 5%; 10W typical, 1.2W sleep, 0.5W off
Mechanical	Product Dimensions: 209 x 149 x 24mm / Weight (Unpacked / Packed): 0.53/0.72 kg Box Dimensions: 385 x 225 x 60mm / 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: 2×2W 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.