

TDD-CP-CWK156HO-W

15.6" Semi-Outdoor Car Wash Payment Kiosks



Overview

The **TDD 15.6"** Semi-Outdoor Car Wash Payment Kiosk is designed for high frequency car wash environments with semi-outdoor exposure. It supports coin payment, POS card payment (4G), and barcode scanning, enabling unattended automatic operation. Built with industrial grade components, waterproof structure, and high brightness display, the kiosk ensures reliable performance under demanding environmental conditions and supports continuous 24/7 operation.

Features

- Semi-outdoor weather resistant design
- 1000 nits **sunlight readable** display **with AG (anti-glare), UV filter & anti-mist optical bonding**
- Supports Coin / POS / Barcode payment
- Industrial platform, capacitive touch with **waterproof firmware, smart fans**
- Integrated rain canopy and drainage design
- Wall mounted / through, floor standing, drive-through installation options

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 / 2 / 4(std) / 8 / 16GB; Windows: DDR3/4 2 / 4(std) / 8 / 16 / 32 / 64GB
Storage	Android: 4/8/16/ 32(std) /64GB eMMC Flash; Windows: 32/64/128(std)/256/512GB SSD/HDD

Panel

Size / Active Area (mm)	15.6"(16:9), 39.5cm, Active matrix TFT LCD (LED) / 344 mm x 194mm
Resolution / Contrast	1920 x 1080 / 800:1
Viewing Angle	Horizontal: 89° or 178° total / Vertical: 89° or 178° total
Color Depth/Brightness	16.7 million / 1000 nits(with auto-dimmer)
Response Time / Freq	30 (Typ.)(Tr+Td) ms / Horizontal: 30 - 60 KHz / Vertical: 50 - 75 Hz

Touch

Touch Technology / OS	PCAP (Projected Capacitive) - 10 Touch Capacity / Windows / Android / Linux / Mac
Surface Treatment	Water, Dust & Vandal proof, Anti-glare; Optional : Anti-fingerprint, Anti-smudge, Anti-bacterial

I / O Ports

Android / Linux	USB x4 / RS232 x2 / HDMI x1 / LAN x1 / WiFi x1 / GPIO x1 Input / GPIO x1 Output / Audio
Windows	USB x4 / COM x2 / VGA x1 / HDMI x1 / LAN x1 / WIFI x1 / DC x1 / Audio x1 / Mic x1

Power

Supply / Consumption: 100-240 VAC / 12VDC 5A +/- 5%; 25W typical, 1.2W sleep, 0.5W off

Mechanical

Product Dimensions (HxWxD): 500x400x210mm/Weight(Unpacked/Packed): 18.3/28.45 kg
Box(Wooden Case) Dimensions: 700 x 490 x 300 mm / VESA Mounting: N/A

Housing

Material: 1.2mm Galvanized Steel, Surface Finish: Outdoor Powder Coating; with Cooling, Ventilation & Internal Fan; Waterproof Design with Rain Canopy & Drainage System; Lock: Secure Cabinet Lock (Dual Lock Optional)

Environmental

Operating / Storage Temperature: -10°C to 50°C / -20°C to 60°C **(-20°C to 70°C for monitor)**

Accessories

Power adapter / cable, free standing / wall mount mounting kits w/screws (opt.)

Others

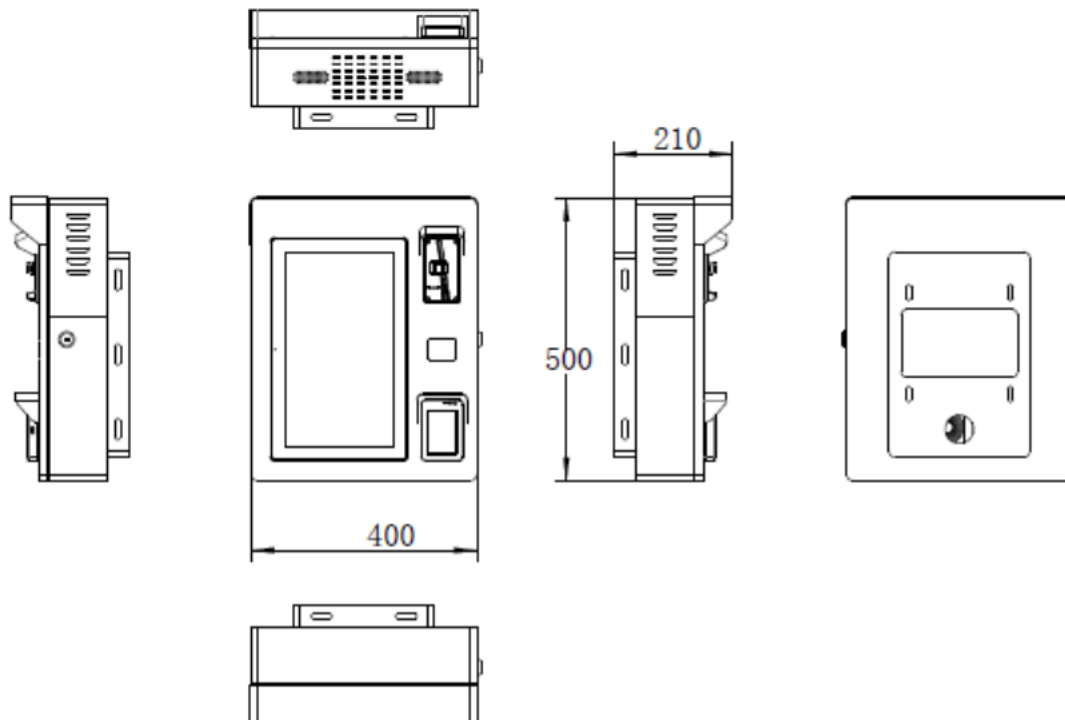
MTBF / Warranty / Enclosure Color / Ready for Use: 50,000 hours / 1-year / white|black / 24/7
Speakers: Internal, 8Ω / 5W x 2

Optional Peripherals(Default: Marked by Yellow)

Coin Acceptor(Microcoin SP115): multi coin validator, 200 coins box
QR / Barcode Scanner(XGZ004): 1D/2D, CMOS with **640x480** pixel, USB
POS System(PAX IM25): Contactless Android unattended payment terminal



Dimensions



Note: Optional Turn-Key Car Wash Software Solution Available

We offer a complete, ready-to-deploy Linux-based software system tailored for 24/7 unattended self-service car washes. Key features include:

- **Intuitive Touch UI:** Easy selection of wash modes (Pre-Soak, Soap, Wax, etc.) with real-time countdowns.
- **Smart Promotions & Loyalty:** Support multi-wash packages with QR code redemption via the built-in scanner.
- **Seamless Integration:** Synchronized POS payment, digital QR receipts, and on-screen flow control (e.g., "Drive Forward Slowly").

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