

PRODUCT SPEC SHEET

US-K236PD CURVED-DESIGN SELF-SERVICE KIOSK



The US-K236PD Curved-Design Floor-Stand Kiosk is a modular self-service terminal built for multi-industry deployment including hotel & travel (airport), hospital & healthcare scenarios. This floor-standing kiosk features ergonomic tilted curved touch-screen design, built with heavy-duty commercial-grade metal cabinet, delivering high reliability, flexible modular expansion and full-unit appearance customization capability. Multiple functional peripherals can be integrated to complete diverse self-service workflows. Pre-integration & pre-testing service is available, and it supports Windows / Android / Linux multi-OS compatibility for fast secondary integration.

Ergonomic Curved-Screen User-Facing Experience

Immersive Curved Display Design

Equipped with 23.6-inch R1500 curvature FHD display, delivering comfortable viewing angles for end-users in indoor public environments. Capacitive touch supports operation by finger or conductive stylus for smooth, intuitive interaction.

Rich Peripheral Expansion & Customization

Flexible peripheral modules are optional: 80 mm Thermal Receipt Printer, QR Code Scanner, NFC & RFID Dual - Frequency Card Reader, Mono / Dual- Lens Camera, Adjustable POS Mounting Bracket.

Optional advanced peripherals include Passport Scanner (Built-in OCR), Bill Acceptor & Recycler Module, Coin Acceptor & Change-Giving Module.

Built for 7×24-hour Continuous Operation

Powered by Multi-Platform Architecture

Driven by flexible hardware mainboard options, configurable with variable RAM and storage capacity, US-K236PD runs heavy-duty self-service applications stably across different OS environments. Rich external interfaces simplify peripheral connection and on-site deployment work.

Designed for round-the-clock public-site operation, the kiosk reserves sufficient internal space for peripheral integration. It supports pre-integration and full aging testing before delivery, minimizing on-site debugging effort. Multiple I/O ports enable straightforward connection for printers, scanners, payment modules and other accessories to meet diverse project requirements.

Reliable Non-Stop Operation

Engineered for continuous 7×24-hour operation in public-access scenarios. Hardware is validated for stable long-term running under standard temperature-humidity conditions.

Simplified Development & Deployment

Ready-to-use hardware modules shorten project deployment cycles. Complete SDK documents are supplied for all functional modules to reduce development workload for system integrators.

Expand Kiosk Capabilities with Optional Peripherals

Integrated Barcode & QR-Code Scanning

Built-in scanner decodes mainstream 1D and 2D barcodes for tickets, membership codes and product labels. SDK enables barcode-capture functions without low-level coding work.

Receipt & Voucher Printing Ready

Support panel-mount receipt printer with 58 mm / 80 mm paper width; custom ticket formats are supported. Print receipts, order slips and vouchers locally from kiosk workflows.

Facial Recognition Camera (Optional)

Compatible with wide-dynamic monocular or binocular camera modules for identity verification, visitor check-in and user authentication.

NFC Card Reader (Optional)

Supports reading & writing for 125K ID card, 13.56M IC / Mifare1 / CPU / TypeA / 14443A cards for access control and membership scenarios.

Custom POS Terminal Holder

Dedicated mounting bracket accommodates third-party payment POS terminals to complete end-to-end self-payment work

Specifications

Physical Characteristics

Overall Dimensions	460 mm × 460 mm × 1650 mm (23.6 inch) 523 mm × 600 mm × 1850 mm (32 inch)
Package Dimensions	560 mm × 560 mm × 1720 mm (23.6 inch) 560 mm × 700 mm × 1880 mm (32 inch)
Net Weight	59 KG(23.6 inch) ; 123 KG(32 inch)
Gross Weight	80 KG(23.6 inch) ; 173 KG(32 inch)
Display	23.6-inch Curved TFT-LCD, R1500 curvature; 16:9; 1920×1080@60Hz; LED backlight; 250 cd/m ² (Typ.); Contrast 1000:1(Typ.); Response time 10 ms; 16.7 M colors; Viewing angle 89°/89°/89°/89° 32-inch Curved TFT-LCD, R1800 curvature; 16:9; 1920×1080@60Hz; LED backlight; 350 cd/m ² (Typ.); Contrast 1000:1(Typ.); Response time 10 ms; 16.7 M colors; Viewing angle 89°/89°/89°/89°
Touch Mode	Finger or conductive stylus
Included Accessories	1.8 m power cable ×; back-door key ×2; switch-panel key ×2;voucher-printer key ×2

Performance Characteristics

CPU	Intel I3,I5,I7,J6412/RK3568,3576,3588
Operating System	Android 11,12,13,14,16/ Windows 10 , 11/Linux Debian,Ubuntu
Memory	Windows: 4/8/16/32/64GB; Android: 2/4/8GB
Storage	Windows: 128GB/256GB/512GB/1T; Android: 16GB/32GB/64GB/128GB/256GB

Interfaces

LAN Port	1 × RJ45
USB Port	4 × USB
DC Power Port	1

Storage Environment

Operating Temperature	0 °C ~ 40 °C
Storage Temperature	-20 °C ~ 55 °C
Operating Humidity	< 80% non-condensing
Storage Humidity	< 90% non-condensing

Power

Power Supply	AV100-240V 50/60hz
Standby Max Power	75 W
Continuous Operation	7×24 hours

Data Capture & Optional Modules

Scanner	Reads common 1D / 2D barcodes
Camera	Optional wide-dynamic monocular / binocular facial camera
NFC Card Reader	125K ID /13.56M IC, Mifare1, CPU, TypeA, ISO14443-A card read-write
Printer	Panel-type receipt printer; 58 mm / 80 mm paper width, custom tickets supported
POS Holder	Custom bracket for POS terminal

Markets and Applications

Retail

- Self-service ordering
- Self-checkout
- Price checking
- Voucher & receipt printing

Hospitality

- Food ordering & pickup

Healthcare

- Patient self check-in
- Appointment registration

Logistics & Public Service

- Queuing management & ticket printing

- Visitor registration & identity verification

Warranty

Subject to hardware quality assurance terms, standard 1-year warranty against defects in workmanship and materials. For custom-modified components, please refer to project-specific contract agreements.

Dimension Drawing

