

PRODUCT SPEC SHEET

US-K320FS-3 CURVED CABINET FLOOR-STAND REDEMPTION KIOSK



The US-K320FS-3 Curved Floor Standing Kiosk is a modular self-service terminal tailored for the entertainment and gaming industry, supporting redemption operations, cash recycling and mini ATM-style cash-handling workflows. It is also well-suited for retail, shopping mall and public venue deployments. This floor-standing kiosk features elegant curved-screen ergonomic design, delivering high reliability, flexible modular expansion and full-unit appearance customization capability. It integrates bill in/out, ticket redemption, card reading and payment peripherals to fulfill token exchange, prize redemption, cash deposit-withdrawal and diverse self-service workflows. Full-set SDK development resources are provided for fast secondary integration.

Ergonomic Curved-Screen User-Facing Experience

Immersive Curved Display Design

Equipped with 32 inch R1800 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.

Highly Flexible Modular Configuration

Selectable modules can be flexibly configured according to individual project demands. Available optional modules include card dispenser, customized banknote recycler, coin hopper, cash dispenser module, card reader, facial recognition camera, NFC card reader and customized POS terminal. All modules support SDK development resources to accelerate software integration. The kiosk housing can also be fully customized to match brand identity and project requirements.

Integrated Banknote Validator

Equipped with an internationally recognized currency acceptor. Beyond the sensor mechanism, it incorporates multiple functional components like micro-electronic controls. It identifies patterns and specific features on inserted banknotes, effectively suppressing counterfeit currency acceptance and ensuring high accuracy and security.

Multi-Currency Support

Capable of recognizing various modern common currencies, including but not limited to: Chinese Yuan (CNY), US Dollar (USD), Euro (EUR), British Pound (GBP), Swiss Franc (CHF), Canadian Dollar (CAD), Australian Dollar (AUD), Russian Ruble (RUB), Japanese Yen (JPY), South Korean Won (KRW), Thai Baht (THB), Indonesian Rupiah (IDR), and Hong Kong Dollar (HKD). This capability overcomes the limitations of manual judgment, such as knowledge gaps and subjective errors, thereby improving work efficiency and saving labor costs.

Rigorous Pre-Delivery Testing: Each unit undergoes a mandatory 72-hour high-temperature burn-in and a full-load stress test before leaving the factory. This process ensures hardware-software compatibility and overall system stability.

OEM/ODM Customization Services: We provide customized services, enabling easy integration with various required devices to meet multi-scenario demands.

Product Environmental Adaptation & Characteristics

- Customizable Interfaces
- Resistance to Magnetic & Electrical Interference
- ESD (Electro-Static Discharge) Protected Environment Compatibility
- Excellent Compatibility
- Power-On Boot Support
- OEM/ODM Customization Services

Built for 7×24-hour Continuous Operation

Powered by Multi- OS Platform

Equipped with high-performance core hardware, US-K320FS-3 runs heavy-duty self-service applications stably across Windows, Android and Linux systems. Rich external interfaces simplify peripheral connection and on-site deployment work.

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

ID Card / Bank Card Reader (Optional)

Supports reading of ID cards and bank cards for identity verification and payment-related scenarios, accelerating self-service identity authentication workflows.

Banknote Processing Modules (Optional)

Compatible with third-party banknote units including JCM, ITL and ICT, supporting bill acceptance and change dispensing functions.

Cash Dispensing Modules (Optional)

Optional cash dispensing modules from Fujitsu, PULOON and GRG Banking are available to fulfill cash payout requirements for various self-service applications.

Physical Characteristics

Overall Dimensions	600MM*540MM*1850MM
Package Dimensions	705mm*705mm*2010mm
Net Weight	98.5KG
Gross weight	132.5KG
Display	32 inch Curved TFT-LCD, R1800 curvature; 16:9; 1920×1080; 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 ×1; front-door key ×2; 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	Est. 120 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
Bill Recycler/Dispenser	Support automating transactions, cash handling equipment and intelligent identification

Bill recycler Specification

Model	Spectral Payout
Interfaces	USB option,Open collector,RS232
Power	Requirements:12V/24V,Standby:400mA,Running: 3A,Peak: 5.5A
Protocols	SSP,ccTalk
Cashbox Options	500/1000 notes
Recycler Capacity	Up to 80 mixed notes
Note Dimensions	Accepts: Width: 60-85mm ,Length: 115-170mm Recycles: Width: 60-82mm
MCBF	100,000

Markets and Applications

Gaming & amusement redemption terminals | Token exchange & prize payout Retail & mall self-service | Mini-ATM cash deposit & withdrawal Service hall payment & top-up | Hotel front-desk service Overseas projects: kiosks for arcades, retail shops, shopping malls, community and public-service cash-handling workflows

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

