

HORIZONSERIES™

ENGINEERED FOR TOMORROW. READY NOW.

OVERVIEW

The Horizon Series, manufactured in collaboration with OKI Japan, redefines the future of self-service banking. Powered by the globally proven OKI RG8 Core, it guarantees accuracy, durability, and trust at the heart of every transaction.

Unlike conventional recyclers, the Horizon Series is not just about cash – it is natively designed for multi-service environments where physical, digital, and AI converge. It delivers a smarter, more connected banking experience that meets today's needs while being ready for tomorrow's transformation.



OKI INSIDE - TRUSTED CORE



Powered by the proven OKI RG8 Core from Japan – renowned for accuracy and reliability – with a unified software platform ensuring full portability and compatibility.



SMARTER OPERATIONS

Optimise cash handling and replenishment with recycling technology, AI-driven on-demand support, and seamless integration into branch and remote management systems.

FUTURE-PROOF CONFIGURABLE DESIGN



More than just a cash recycler, the Horizon Series is built for the convergence of physical automation, digital convenience, and AI, ensuring long-term relevance for years to come.



ENGINEERED TO MAKE A DIFFERENCE

By combining OKI's global engineering innovation with OpenSys' proven solutions expertise, we deliver a technology platform built for the future – anchored in exceptional service reliability.

MULTI-SERVICES BY DEFAULT



Cash recycling, cheque deposit, card dispensing, multimodal biometrics, and digital services – all in a single platform, eliminating the need for costly future add-ons or disruptive upgrades.



PERSONALISED CUSTOMER EXPERIENCE

Faster, safer, and smarter self-service transactions – empowering banks to deliver a modern, personalised customer experience that builds trust and loyalty.

TECHNICAL SNAPSHOT

The Horizon Series is built on a modular and configurable design philosophy, enabling banks to scale from core cash services to advanced multi-service functions with ease. Its flexible architecture supports cash, cheque, card, and biometric modules within the same footprint, reducing upgrade costs and protecting long-term investments. By converging physical automation with digital and AI-driven intelligence, the Horizon Series empowers banks to optimise operations, deliver richer customer experiences, and future-proof their self-service channels.

CORE TRANSACTION MODULES

OKI BANKNOTE RECOGNITION MODULE

- Eighth generation, a market-leading engine for accuracy, robustness, and reliability
- Supports polymer notes
- 7 cassettes (Recycling, Reject, Retract)
- Counterfeit banknote detection
- Multi-currency (up to 128 denominations)
- 12 notes per second
- 200 notes per transaction
- Note serial number recognition

CHEQUE DEPOSIT MODULE

- Proven workhorse in straight-through cheque truncation processing
- Front shutter mechanism
- Automatic Internal self-alignment
- E13B/CMC7 MICR Reader
- Front and back imaging
- Double feed detector
- Metal detector
- Cassette capacity of 300

CARD DISPENSER MODULE

Ideal for card replacements and end-to-end onboarding with card issuance.

- Compliant to ISO7816 Standard
- 4 hoppers with 160pcs per hopper
- Secure cassette

CARD READER MODULE

- Supports magnetic stripe and IC cards
- EMV, MCCS, UPI & JCB ready

DISPLAY MODULE

Ideal for multi-media display and touch input.

- 15" touch screen with privacy filter
- Vibrant, high-definition LCD for multimedia touch experience

SYSTEM MODULES

PHYSICAL SECURITY

- BNM RMI compliant
- Dual transaction camera (cash bucket and facial camera)
- Rear consumer awareness mirror
- Anti-skimming protection
- Security safes (UL291, CEN-L)
- Privacy filter and side visor
- Supports ink-staining

MULTI-MODAL BIOMETRICS AND DIGITAL SUPPORT

Ideal for eKYC and contactless transactions.

- Encrypting pinpad with privacy cover
- MyKad biometrics
- PalmWav palm recognition
- Facial recognition camera
- QR code and eWallets

CONTROL ELECTRONICS

- 12th Gen Intel Core i5
- 8GB RAM
- 512 GB SSD

PRINTER

- 80mm thermal printer
- Black mark sensor support

SOFTWARE PLATFORM

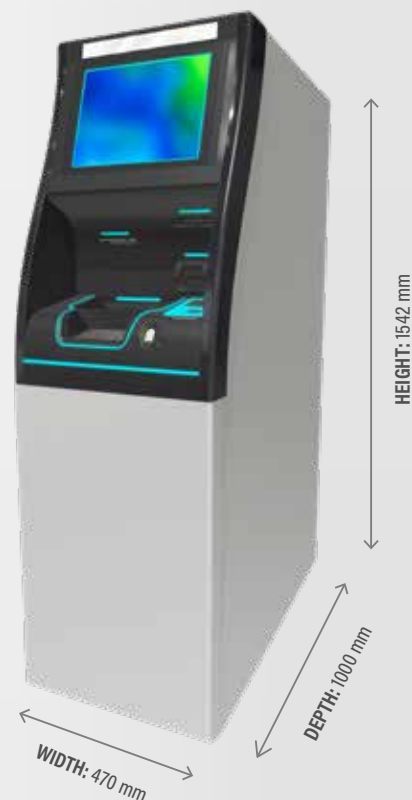
- Full compatibility and portability with OKI RG8

Standard

- Windows 11 ready
- AANDC

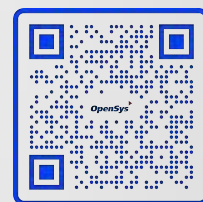
Available applications

- Smart CRM app with WebUI
- AI Avatar support
- Smart Interactive Remote Assistance (SIRA) for remote teller assistance
- Intelligent Manager of Terminals for online monitoring



Dimensions (HxWxD)

1542 mm x 470 mm x 1000 mm
(60 in x 18.5 in x 39.4 in)



GET IN TOUCH

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