

Heron 1

KIOSK



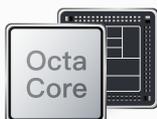
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ARTIFICIAL INTELLIGENCE COMPREHENSIVE PAYMENT OPTIONS
MAINTENANCE-FRIENDLY VERSATILE ACCESSORIES

The perfect device for the future of self-service and checkout. Purpose-built to introduce clarity and efficiency into self-service, Heron 1 adapts to the needs of modern businesses with built-in scanning, printing, and comprehensive payment operations - powered by high performance, durability, and artificial intelligence.

Performance

Octa Core



Bluetooth 5.4



Wi-Fi 6



Android 15



CORE HARDWARE HIGHLIGHTS

Heron 1

Heron 1 Retail Edition



Select the right scanner for your business.

Facilitates easier, faster, reliable scans - even on small or fine print

Heron 1

0.3MP CMOS Sensor
Scanning Speed: 30 fps
Accuracy: 1D \geq 5mil, 2D \geq 6mil
Depth of Field: EAN13 (13mil): 13mm--120mm
QR code (40mil): 13mm--230mm



Heron 1 Retail Edition

1.3MP CMOS Sensor
Scanning Speed: 60 fps
Accuracy: 1D \geq 4mil, 2D \geq 5mil
Depth of Field: EAN13 (13mil): 0mm--170mm
QR code (40mil): 0mm--280mm



Camera

2MP monocular camera with 75° vertical field of view (FOV).
Enables facial recognition.



Display

23.8",
1920x1080

23.8"



Screen

10-point capacitive touch, G+G, Anti-fingerprint



Registers inputs even through gloves or wet hands



Microphone

100db stereo speaker with dual microphone noise cancellation



HDMI Compatible

Connect to other displays for flexible setup options



HDMI[®]
HIGH-DEFINITION MULTIMEDIA INTERFACE

NFC payments
(SoftPOS compatible)

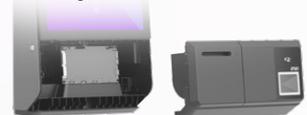


Automated Start-up
Simplistic, streamlined deployment



Removable Maintenance Cover

Facilitates easy routine checks and cleaning



Durability

The front-facing ordering interface is dust and water resistant.
Operating temperatures between 0-50°C



Thoughtfully manufactured to stay adaptive and practical in any scenario.

Stands & Mounts

Floor Stand



Table Stand



VESA Mount



Accessories

MSR Card Reader



Status Light



POS Holder



Payment Module Bracket



Industry Spotlight



F&B



Retail



Public Service



Entertainment

Transcending Traditional Kiosks Through Intelligence.

OCR Translation

Two-way translations into target language.



Simultaneous Interpretation

Real-time speech translation and voice broadcast.



*Disclaimer: For more information on our AI features, please request for our brochure from your regional sales representative.

Specification

Processor	Octa core (Dual-core A76 2.0GHz Hexa-core A55 1.8GHz) NPU 3 TOPS	Display	23.8", 1920 x 1080 Viewing Angle: (Typ.) ±85° (H)/ ±85° (V) Brightness: 250 nits (cd/m ²) Contrast Ratio: 1200:1 Multi-point Capacitive Touch Panel
Memory	4GB RAM + 64GB ROM, 8GB RAM + 128GB ROM 16GB RAM + 256GB ROM	Operating System	Android 15, 64bit
Connectivity	Wireless: Wi-Fi 6, 802.11 a/b/g/n/ac/ax (2.4GHz/5GHz) Ethernet: 1000M, Bluetooth 5.4, NFC	Camera	2 MP front camera
Speaker	3W Dual	Scanner	Support 1D Barcode / 2D QR Scanning
Environment	Operating temperature: 0 ~ 50°C Storage temperature: -20 ~ 60°C	Certification*	Google GMS FCC CE IMDA WEEE
Power Adapter	Input: 100 ~ 240V; Output: 24V / 2.5A	Printing	80mm (with automatic cutter) in width & 80mm in diameter, up to 250mm/s printing speed
Button	Power key	Accessory*	MSR Card Reader, Status Light, POS Holder, Payment Module Bracket
Peripheral Ports	USB 2.0 Type A x 1, USB 3.0 Type A x 4 USB 2.0 Type C x 1 3.5mm Headphone Jack x 1, DC Jack x 1 HDMI x 1, RJ11 x 1, RJ12 x 1, RJ45 x 1 Pogo pin (6 pin) x 2, DB9 x 2 TF Card (up to 1TB) x 1	Dimensions	Wall mounted: 351 x 156 x 759mm Table Stand: 379 x 308 x 765mm Floor Stand: 410 x 460 x 1700mm

* The product pictures and display contents in the above pages are for illustration purposes only. The actual product effects (including but not limited to appearance, color, size) and screen display contents (including but not limited to background UI pictures) might differ.

The performance results are obtained from iMin's internal laboratory and extracted from specific test environments. In actual use, there might be a difference in performance due to individual differences in product, software, use conditions and environmental factors.

iMin does not provide the facial recognition algorithm. It requires integration with the user's software applications or third-party algorithms.

The accessories of the Heron 1 are sold separately according to user needs. To view more product certificate information, please visit www.imin.sg/en/resources.