urovo

SP35

Personal Shopper

Intelligence for Shopping, Efficiency for Retail

- Price check & cart management
- Item location guidance
- Push-to-Talk Communication
- Self-scanning & self-checkout



SP35 Personal Shopper



Transform Self-shopping into an Immersive Journey

Navigate your store with unprecedented ease using Urovo’ s vivid 5-inch display and Wi-Fi 6E connectivity. The optional UWB indoor localization guides shoppers along the optimal path, while real-time scanning brings rich product details right to the screen. Combined with auto-scan mode, SP35 turns shopping into a truly hands-free and effortless experience

Unrivaled Performance, Seamless Experience

Powered by a Qualcomm QCM 6690 and 8GB RAM, the device ensures zero-latency performance for high-intensity scanning and payment processing. Supports Wi-Fi 6E for high-density network performance and Bluetooth 5.3 for stable connections.

Multi-modal Data Capture & Contactless Payment

Equipped with scanning capabilities for fast and efficient product data capture. Integrated front-facing NFC enables instant "Tap-to-Pay" transactions, streamlining the checkout process.

All-day Battery & Intelligent Power Management

Features a robust 4900/3500 mAh battery delivering over 12 hours of runtime for seamless shopping experience. Unique smart charging diagnostics can detect faulty devices, maximizing uptime.

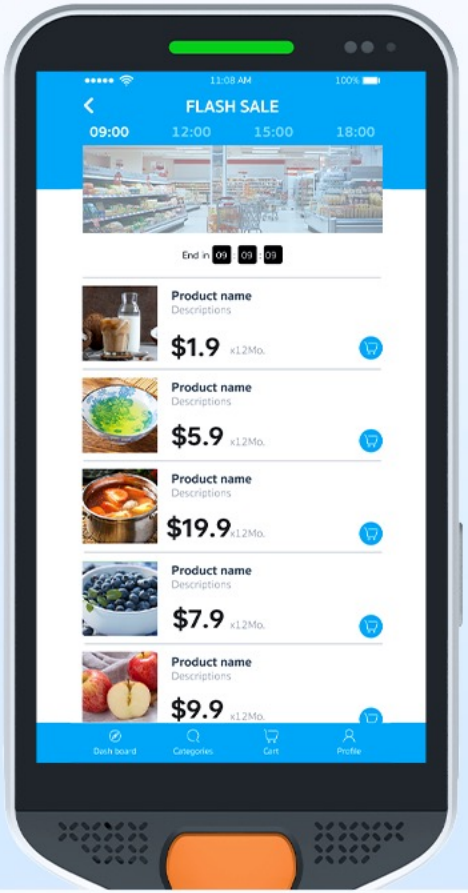
Rugged Durability & Sanitary Design

Merges elegance with rugged durability, surviving 1.5 m drops to significantly extend device service life. The hollow-bottom cradle design prevents debris buildup, ensuring continuous uptime.

Purpose-built for Shoppers and Store Operations

5-inch Large Screen, HD Display

1280 x 720 display, 400 nits brightness for clarity



Side Function Button

One press to access staff assistance



1.5 m Drop Resistance

Reduce downtime costs



Powerful Performance, Smooth Operation

Processor
4nm Octa-Core Processor (2.9GHz)

Operating System
Android 15 (Upgradable to Android 20)



- Powerful Edge AI Performance
- Flexible OTA Upgrade
- Premium Connectivity

Ultra-fast, Reliable Connectivity

WiFi 6E and Bluetooth 5.3 provide fast and reliable connectivity, even in crowded retail environments, ensuring uninterrupted and efficient shopping.



Precision In-store Navigation, Powered by UWB

UWB technology delivers centimeter-level positioning accuracy,
enabling 48 hours of device tracking, even after power-off.



Smart Path Planning



Smarter Store Traffic Management



Real-time Device Tracking

* UWB delivers precision in-store positioning to support the development of smart path planning and store traffic monitoring.

Faster Scanning, Clearer Capture







Integrated Professional-grade Scanner

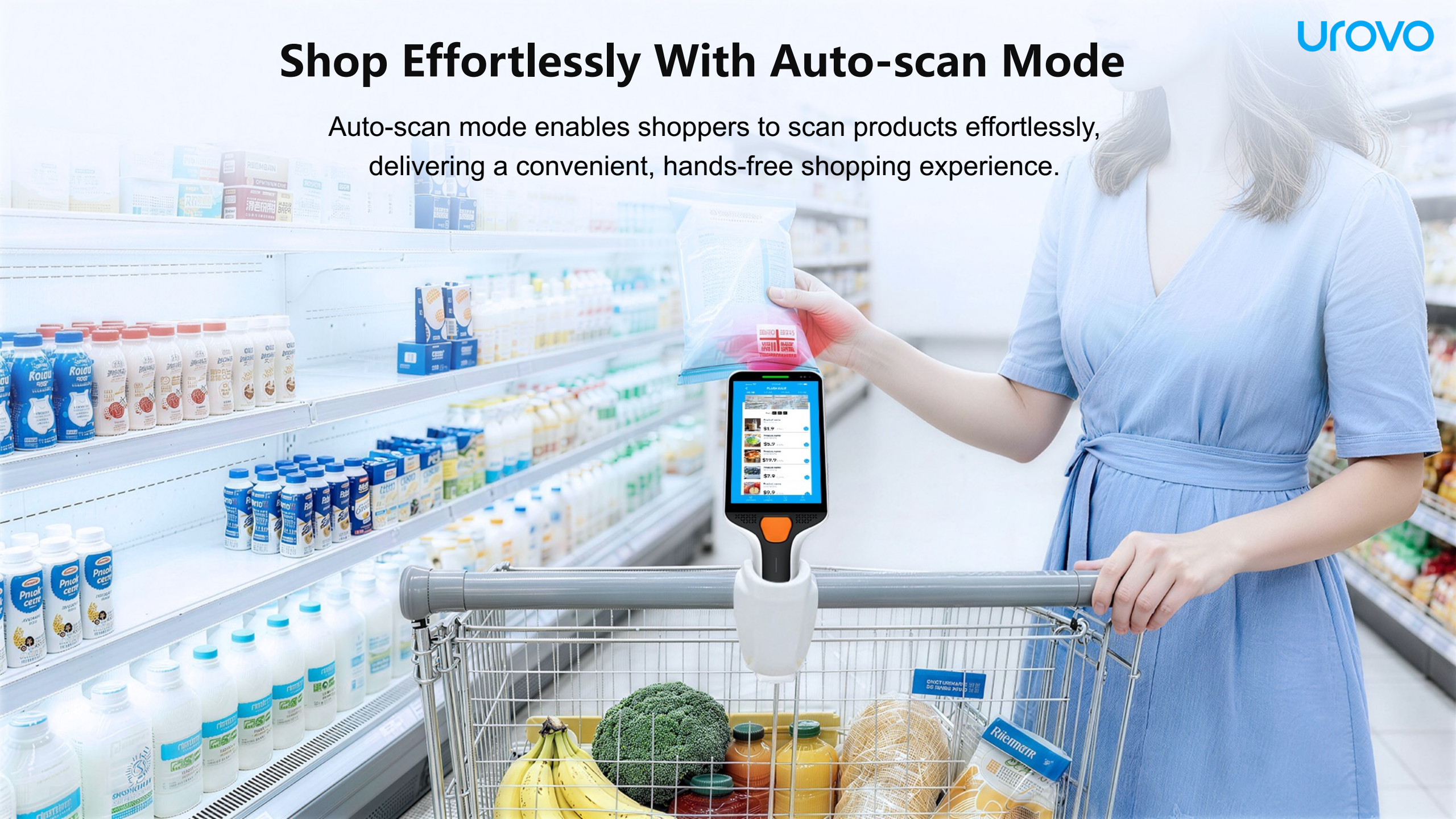
Enables 1D/2D barcode reading, even damaged, scratched or stained barcodes.

16 MP High-Resolution Camera

High-definition imaging ensures clear visual information capture

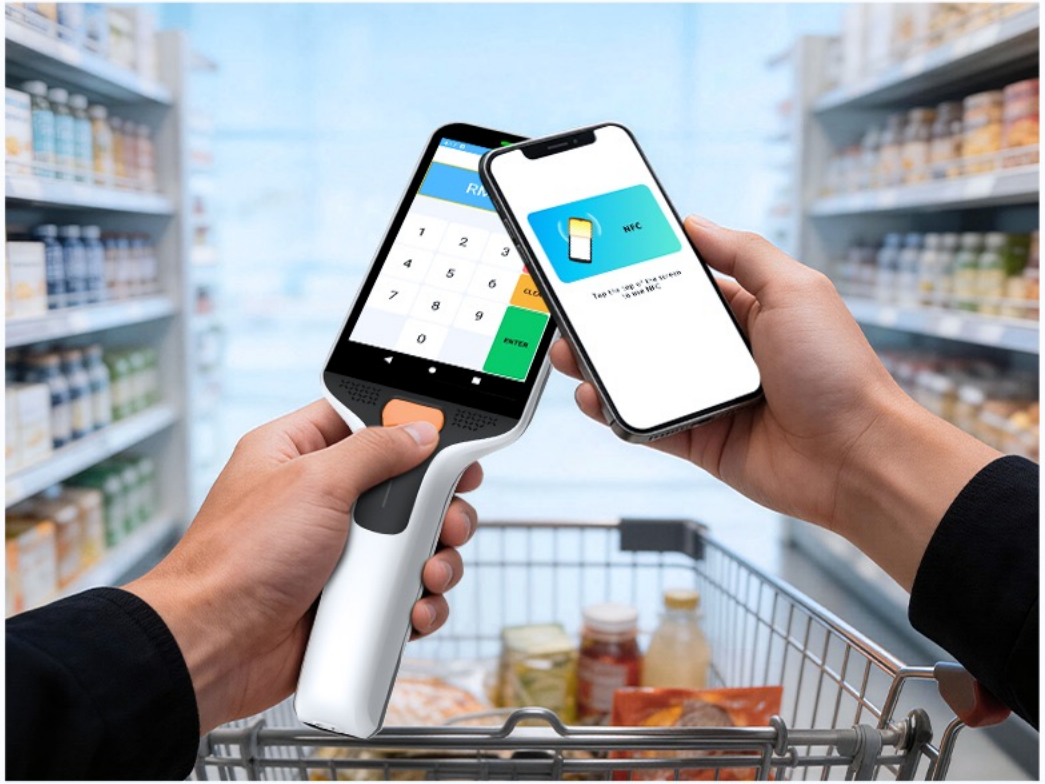
Shop Effortlessly With Auto-scan Mode

Auto-scan mode enables shoppers to scan products effortlessly, delivering a convenient, hands-free shopping experience.



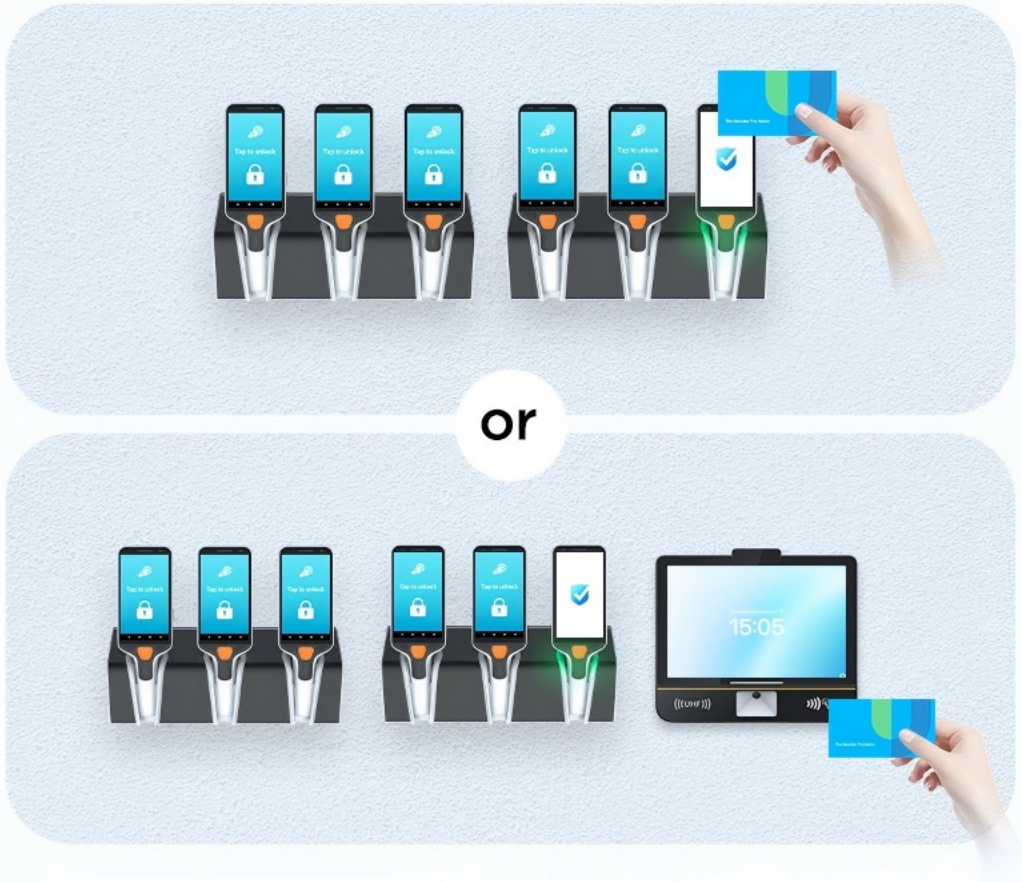
Seamless Self-checkout with Tap to Pay

Built-in NFC and SoftPOS capabilities enable tap-to-pay transactions directly on the device, no additional hardware required.





Smart Device Management for Loss Prevention

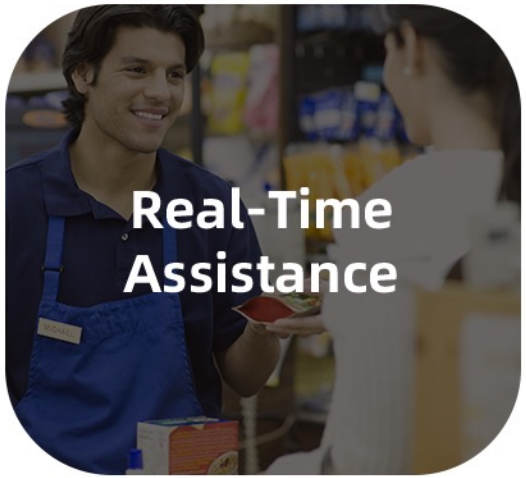


Tap a Membership Card to Unlock the SP35



Auto-lock Cradle Helps Prevent Device Loss











Supermarkets and Grocery Stores

Sports and Hardware Shops

Warehouse membership clubs

Department Stores

SP35 Personal Shopper

Specifications

Processor
Octa-core 2.9 GHz

O.S.
Android 15.0,
Upgradable to Android 20

Memory
8 GB RAM/ 128GB ROM

Display
5.0 inches 1280 x 720 (1920*1080 optional), 400 nits

Touch Screen
Multi-mode capacitive touch with bare fingertip input;
Water droplet rejection;
Fingerprint resistant anti-smudge coating

Dimensions
217.5 mm L x 73 mm W x 19 mm D
Weight: 302/278 g

Scanning
Standard Range 1D/2D scan engine;

Camera
Rear: 16MP autofocus Flash LED, PDAF;
Torch mode;

Sensors
Ambient Light sensor/Proximity sensor/Accelerometer/ Gyroscope sensor

Audio
2 microphones, noise cancellation; 1 speaker
Bluetooth wireless headset

Battery
User-replaceable battery:
3.6 V, 4900 mAh (standard) / 3500 mAh (optional)

Buttons
On-screen keypad and Enterprise keyboard;
Scan button;
Programmable action button: default to PTT

Interfaces
Bottom: 4-pin communication I/O;
Internal (need to open the cover):
USB-C 3.0 (support OTG)

UWB
Optional

Protection
IP65 dustproof and waterproof
1.5 m drop resistance

Communication
Bluetooth: Class 2, BT v5.3 + BLE
Wi-Fi: IEEE 802.11a/b/g/n/ac/d/h/i/k/r/v/w/mc/ax protocols (2.4G/5G/6G band Wi-Fi), Wi-Fi 6E, supports 2x2 MU-MIMO

Environmental
Operating Temp.: -10°C to +50°C
Storage Temp.: -40 to +70℃
Humidity: 5% RH ~ 95% RH (No condensation)
ESD: +/-15 kV Air; +/-8kV contact

NFC
Mifare Standard / Classic
Mifare Ultralight
NFC Tag Type 2 (NDEF NTAG)
Gemalto MultiApp ID
Felica Active Tag
Support SoftPOS

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