

SMART

Vending Machine

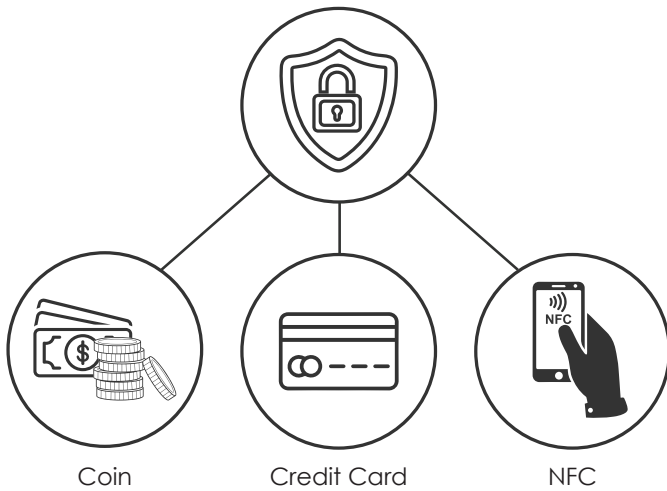
Intelligent vending machine supports multiple payment methods including cash, cashless or mobile payment. Intelligent vending machine allows consumers to get nutritional information, product specifications, etc.





We make it better

Secure Payment Method



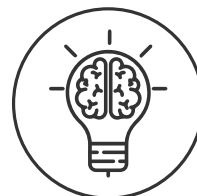
Why Smart vending Machine?

Intelligent vending machine supports multiple payment methods including cash, cashless or mobile payment. Intelligent vending machine allows consumers to get nutritional information, product specifications, etc.

It allows them to have more information with additional information such as viewing. Intelligent vending performs real-time updates that can track sales and improve inventory tracking and control.

Intelligent vending synchronizes the latest updates from operator to machines, providing remote and secure content management for digital signage, interactive display content and other content for any number of smart vending machines.

Smart vending machine owners/operators can rent digital advertising space to advertisers, creating an additional source of income, as well as providing value-added services with its connectivity and versatility.



Smart Vending



Sales Tracking



Inventory Tracking



Remote Management



Update And Synchronous



Digital Advertising Area & Source Of Income



CANTEN
MATIC

PUSH

Smart Vending Machine

Development of technological advancement in today's era, vending machines have always been an option for Grab & Go, which provides convenience and low cost offering more options in a vending machine.

As the smart vending machine is currently in development, the machine now offers consumers a touch-screen, gesture-based interaction, all modes of cashless payment, etc.

It offers more interactive components such as The smart vending machine not only sells drinks but snacks just like traditional vending machines, but more effectively as it can show the nutritional facts to consumers, which is now a mandatory regulatory requirement in many countries.



The smart vending machine can also sell non-traditional products that actually process fresh juices and smoothies in machines to offer consumers the desired freshness. Besides selling food and beverages, electronics, gifts, etc.

It can also sell other more valuable products such as In addition, smart vending machines offer consumers the opportunity to pay bills, top up or recharge, etc. It can also provide value-added services such as While operators provide extra convenience to the surrounding community.

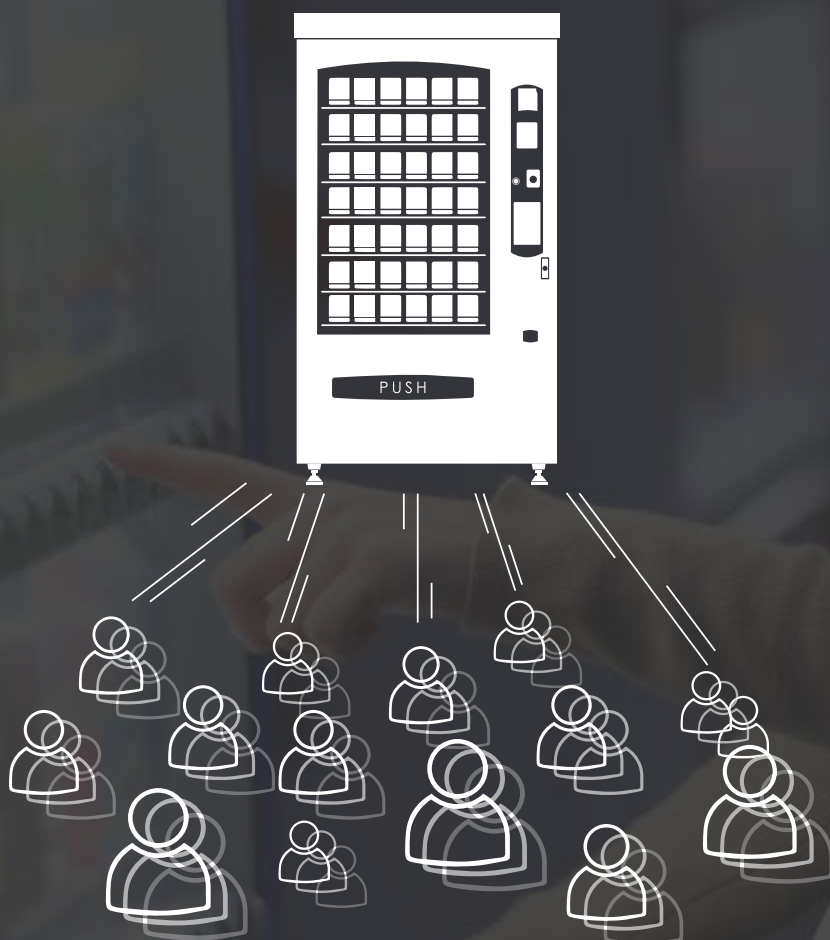
Also, the smart vending machine allows purchasing multiple items in a single transaction. This will increase the average per transaction values. It also enables cross-selling by introducing some other relevant products to the consumer besides current purchasing.

Smart Vending Machine and Automated Retail Ecosystem

The smart vending machine and automated retail platform creates an ecosystem for the unattended retail operating environment and connects each partner in the value chain. It enables various ecosystem partners to participate in the operation, interact with each other on the same platform.

The smart vending ecosystem creates value for all parties in a given market by engaging more consumers, simplifying operating processes, and providing unlimited scalability, flexibility and possibilities in the smart retail and automated retail environment. It also encompasses multiple functionalities to meet the needs of various perspectives.

Through a variety of different channels, ecosystem partners—from vending machine manufacturers, homeowners (who owns where vending machines are deployed), stock staff, service team, retailers, advertisers, and consumers—interact, operate, and access different roles and access rights. , various unattended payments and identifications, social media, interactive content, advertising and all the various existing and new functions in the future.





Remote Manageability & Telemetry

It provides remote manageability and telemetry of smart vending machines and food ordering kiosks over the Internet, 3G, 4G or the fastest 5G network, in the cloud.

Software updates and content management for digital signage, interactive display content and themes can be remotely and securely performed for any number of smart vending machines, touch screen vending machines, smart refrigerators, smart lockers, self-order payment kiosks, and various types.

It allows vending operators and retailers to remotely manage their large fleet of vending machines from anywhere, monitor live sales and availability, manage and update product pricing, photos and details, upload and schedule video signage content to play on.

You can use vending kiosks and real game logs, route planning for smart kit building and replenishment, a variety of comprehensive reporting and data analytics, etc. you can view.

Ecosystem Partners



OEM



Landlords



Stock



Service



Retailers

Machine-agnostic & Hardware Independent

The smart vending software platform is machine independent, meaning it can be used on all different vending machines made by different manufacturers.

This depends on vending operators' and retailers' desired requirements, budgets, quality expectations, products to sell, locations to deploy, etc. gives you the freedom of choice to find vending machines and retail automation that fits.

It also allows them to manage all different vending machines and drone retail on the same platform with a single login. This is especially important when the operator wants to expand their business to generate higher revenue growth to sell more different types of products and explore more different types of locations.



Social Medias



Interactive Contents



Games



Survey



Promo



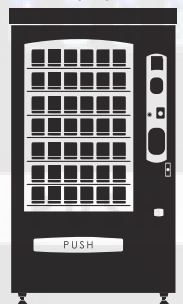
News



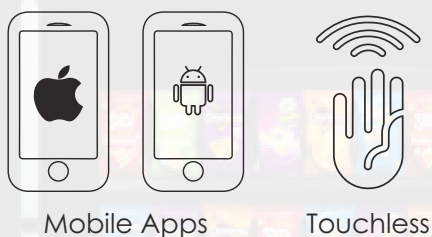
Ads/Info



Weather



Users Access



Payments and Identity



Value-Added Services



Multimedia and Contactless Interactivity

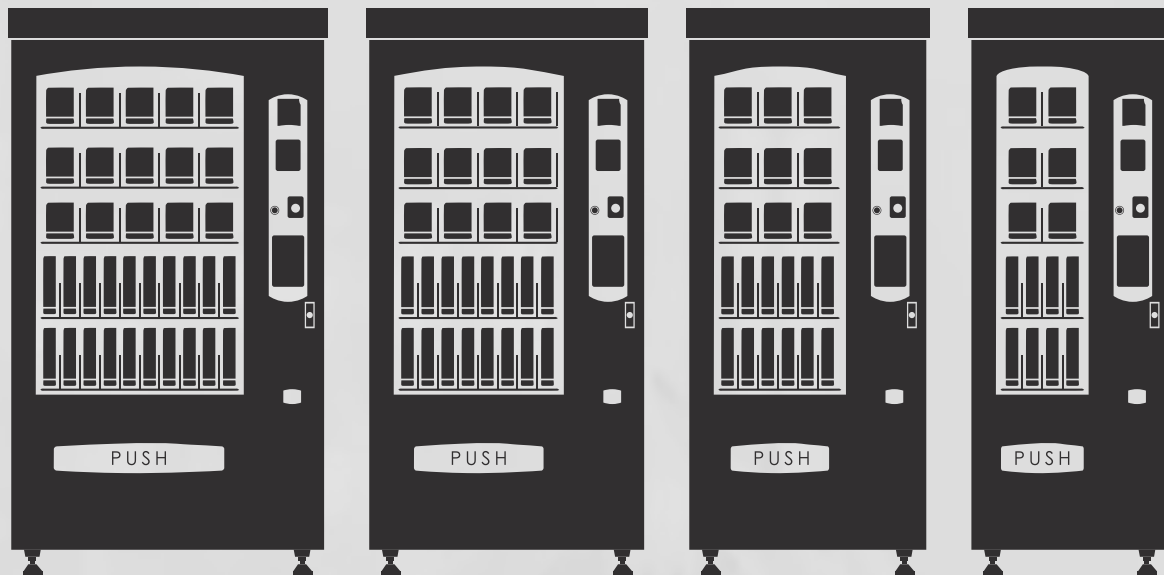
Multimedia and Contactless Interaction in smart vending machines will attract more attention with the widescreen display, and it will be very attractive for purchase to consider.

Those with hygienic concerns can interact with smart vending machines in a contactless and non-contact way.

Cash / Cashless / Mobile Payment / e-Wallet / Reward Points

Bank/credit card, mobile payment, e-Wallet, internet payment etc. in the payment system. Accepting both cash and non-cash payment, such as cashier, will provide convenience to customers and will indirectly encourage more sales as well as encourage the sale of higher value products.

It also gives sales operators freedom of choice to utilize unattended payment gateways that are most convenient in terms of transaction costs.



Product Type	Number of Shelf Products	With (W) mm
Type - 1	10	1065
Type - 2	8	918
Type - 3	6	771
Type - 4	4	624

Technical Specifications

Smart Screen	
Memory & Storage	2GB & eMMC 8GB
QR & Barcode Scanner	build-in
Cpu	Rockchip® RK3288 processor (Quad-core Cortex-A17, up to 1.8GHz)
Wireless	4G mobile connectivity (SIM card slot)
Graphics & display	8-inch LCD capacitive touch display 800x1280 resolution
Interfaces	USB 2,0 x1 OTG Micro USB x1 COM port (RS-232)x2 COM port (RS-485) x1 LAN RJ45 (100M Ethernet)x1
Power supply	DC +12V,3A
Vending data interface	MDB/MDB-slave (optional) Pulse (optional) Support direct interface to vending machines of various OEM globally EVA-DTS/DEX/UCS
Enclosure	Fanless Case, mountable externally on machine
Application Uses	Retrofit/Telemetry/ QR mobile payments/MDB & DEX / EVA_DTS/Smart Locker Cabinets/ Smart Fridges
Electronic - Communication & Mechanical	
Selections	Up to 65 items
Selection Pricing	Individual from \$0 to \$9,999.95
Payment Systems	All Industry standard MDB compatible devices
Data Communication	RS232/RS485/MDB
Electrical Requirements	Domestic: 185-260 VAC/ 50- 60Hz, Power Supply Output:12Vdc-1A Power Supply Output:24Vdc-5 A
Dimensions	Width (Type-1, Type-, Type-3, Type-4) Depth (87 cm) Height (194 cm)
Shipping Weight	*516 lbs. (234 kg) *Varies with tray configuration and options.
Standard Features	Styling Bezels, Dual Helix, GVC2 Controller with Scrolling, VF Display, LED Lighting, iVend® Delivery Sensor System, Back Lighted Braille Keypad, Gum & Mint Helixes, Pairable Candy Trays with Left/Right Selections
Options	Interface Styling Panel, iCart Touch Screen Interface, inDEX Tool, Delivery Assist Box, Dual Coil, Gum & Mint Coils, Additional Gum & Mint Tray, Custom Colors, Custom Graphics, Front Kick Panel, Lighted Delivery Box, Motor Pairing

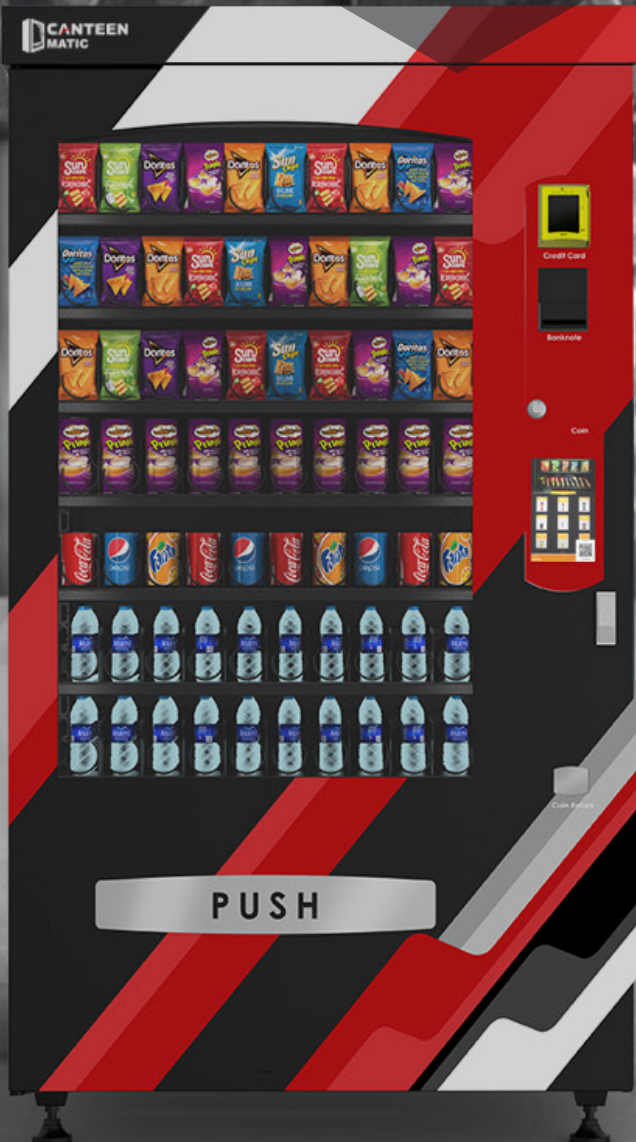
Selections	Up to 60 items					
Payment Systems	All Industry standard MDB compatible devices					
Data Communication	RS232/RS485/MDB					
Electrical Requirements	Domestic:185-265VAC/50Hz,Power Supply Output:12Vdc-1A Power Supply Output:24Vdc/5A					
Dimensions	Height	76.4"(1942cm)	Width	41.9"(1065cm)	Depth	34.2"(871cm)
Shipping Weight	516 lbs. (234kg)					
Standard Features	Delivery sensor system,Led lighting,Motor pairing capable, Android 7.1 operating system Ready to connect to Vendron Cloud Rockchip® RK3288 processor (Quad-core Cortex-A17, up to 1.8GHz)					
Options	Machines that require QR mobile payments,Automatic Car Wash Machines,Smart Fridges,Smart Locker Cabinets,Minimal mechanical modification,Telemetry and QR mobile payments on vending machines with MDB & DEX / EVA-DTS,Smart vending retrofit to old / conventional vending machines without touch display					



The product is selected from the screen part of the vending machine, the payment part opens, after making the payment from the cash or cashless part, it sends a pwm signal and the dc motor in the part where the selected product is activated, the spiral starts to rotate and the product falls, the drop sensor in the hopper sees the product and accepts the payment if the product does not drop.


If the payment is made with cashless, the card is scanned, the money goes to the icolud account, the pwm signal is sent and the dc motor is activated, the spiral starts to spin, the product drops, the drop sensor sees the product and the money in the icolud account is transferred to the bank account of the designated person, if the product does not fall Since the drop sensor cannot see the product, the money in the icolud account is returned to the customer.


There are 3 shelves on the right side of the vending machine, which are not visible from the outside, these shelves are used as product storage part, there is powersuply at the bottom, the product shelves are divided into 3 types. We have spirals with 15, 9 and 5 chambers. size According to which spiral is suitable, the product is placed there, the products are placed on the screen, the price is adjustable, and the 500watt air conditioner is located at the bottom of the product shelves.




SMART Vending Machine

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