

Think Smarter. *Pick Faster*

SMAVOO *11.6" Tablet*





Description

The SMAVOO EPD Tablet (11.6 inch) features a high-contrast electronic paper display (EPD) for paper-like readability, making it ideal for warehouse labeling, task management, real-time digital signage, and picking solutions. As a digital picklist or loading list, it streamlines order fulfillment and enhances accuracy in logistics workflows. Its WiFi and LoRaWAN connectivity ensure seamless data updates with minimal energy usage.

The EPD technology enables crisp, glare-free viewing, even in bright lighting conditions, reducing eye strain. The tablet is built for industrial environments, offering rugged durability and reliable operation for long-term use. With customizable display content and remote management capabilities, the SMAVOO EPD Tablet enhances workflow efficiency and communication in all daily industrial operations.

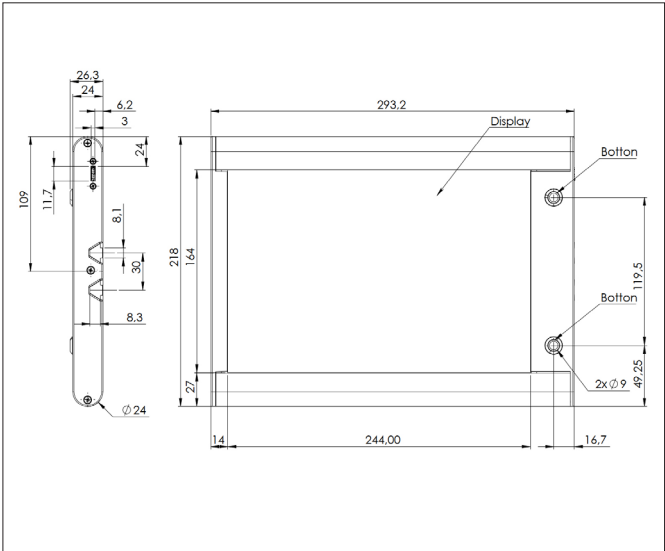
Key Features

01. Ultra Fast Refresh and Flexible Design

03. Reliable and Seamless Connectivity

02. Energy-Efficient Performance

04. Durable Industrial Design



Enclosure	Dimensions	293,2 mm x 218 mm x 26,3 mm
	Material & Color	Aluminium, ABS, black
	Installation	Mounting via T-slot rail with optional bracket
Power Management	Power Supply	8x AA batteries or lithium battery (rechargeable)
	Lifetime	Up to 3 years
Temperature Regulations	Operating Temperature	0 °C to +40 °C
	Ingress Protection (IP)	IP40
Quality & Compliance	Certifications	CE
	Warranty	24 months
Device Functionality	Display	11,6" e-paper display
	Button	Two industrial buttons
	External Connector	Service interface

Use-Cases

Picking



The SMAVOO 11.6 Tablet is a large e-paper screen that acts as a paperless picking dashboard. Mounted on carts or at zone entrances, it can show full digital pick lists, batch waves, and route overviews—much more than small shelf labels. A picker can move with a cart-mounted tablet; as each item is scanned, the screen refreshes to cross it off, show remaining quantities, and highlight the next pick, eliminating paper and reducing reliance on handhelds. Because e-paper is ultra-low power and glare-resistant, the list stays clearly visible throughout a full shift without constant charging, even under harsh warehouse lighting. Optional touch or connected buttons can enable quick confirmations or screen navigation. If stock issues occur (e.g., short picks), the WMS can update the task instantly and suggest an alternate location right on the display. The result: fewer lost lists, faster, more accurate picking, easier onboarding with optional item images, and a modern, automated impression for site visitors.

Production



On production lines, the 11.6" Tablet functions as a digital work-instruction and Kanban board at each workstation. It can display the current schedule, takt targets, assembly steps, large diagrams, quality notes, or andon alerts—replacing paper manuals and static signs. If a design change or last-minute schedule swap happens, all tablets update over the air so everyone sees the same, current plan instantly. As a digital Kanban, the screen shows a live queue of upcoming tasks and part needs; workers confirm steps via touch or buttons, and signals are sent back to the central system with zero delay to trigger replenishment or adjustments. Built for industrial environments, it withstands dust and daily bumps, and the low-power e-paper display supports battery operation on mobile stations or carts. The result is higher flexibility, fewer miscommunications and errors, less paper waste, and a faster response to change—an efficient, connected upgrade for lean, modern factories.

Frequently Asked Questions

What makes the electronic paper display (EPD) technology better than traditional tablet screens for industrial use?

EPD technology provides a paper-like reading experience that's completely readable in bright industrial lighting without glare. Unlike traditional LCD screens, our e-paper display only consumes power when refreshing content (1-5 seconds), making it perfect for all-day use without frequent charging. Your workers can view picking lists, instructions, or signage comfortably even under harsh warehouse lighting.

How long does the battery last during typical warehouse operations?

Thanks to the ultra-low power consumption of the EPD technology, the tablet can run for extended periods. With both AA battery options (8× 1.5V) and Li-ion battery (30.525Wh), battery life depends on refresh frequency. For typical picking operations with moderate content updates, you can expect multiple shifts of continuous use without recharging.

Can the tablet be mounted on different equipment or walls in our facility?

Yes! The tablet comes with integrated rail standards for flexible mounting options. It can be easily mounted on picking carts, workstations, walls, or custom brackets. We also offer personalized mounting solutions to fit your specific operational needs and layouts.

How does the tablet help eliminate picking errors compared to paper lists?

The digital display shows real-time picking lists with immediate updates. As items are picked (using the customizable confirmation buttons), the list updates instantly, reducing errors from misreading handwritten notes or outdated paper lists. The large 11.6" screen clearly displays item details, quantities, and locations, making it virtually impossible to miss important information.

What makes this tablet more cost-effective than regular consumer tablets for industrial use?

While the initial investment might be higher, the long-term benefits far outweigh the costs. The tablet's ultra-low power consumption, extreme durability, and specialized EPD technology eliminate frequent battery replacements and device upgrades. Additionally, it eliminates paper costs, reduces picking errors, and improves operational efficiency, delivering measurable ROI through reduced operational costs and increased productivity.

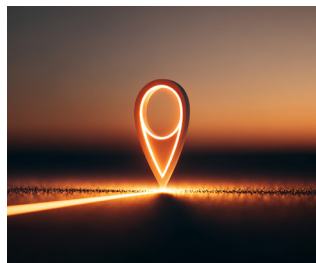


ONE.CORE *Function*

SMAVOO ONE.CORE is the heart of the SMAVOO ecosystem — a fully modular sensor platform designed specifically for demanding industrial environments. Unlike conventional IoT devices with fixed feature sets, ONE.CORE adapts precisely to your requirements through interchangeable communication modules, configurable sensor interfaces, and edge-computing

capabilities. Born out of frustration with proprietary systems that lock companies into inflexible technologies, ONE.CORE is built on open standards and a future-proof design. Start with exactly what you need today and expand the platform seamlessly as your business grows and evolves naturally — all without having to replace your hardware investment.

ONE.CORE *Key Features*

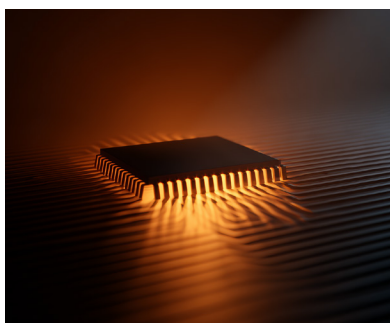


01.

Modular Communication:
WiFi, LoRaWAN, Bluetooth
Low Energy (BLE)

02.

Plug-and-Play Interface for
Sensors (RFID, Barcode,
Environment, Movement)



03.

Designed for Edge
Intelligence, Buffering,
and Fail-Safety

ONE.CORE *Multiband*

Core.CPU

240 MHz Dual Core CPU

ADC voltage monitoring (battery)

520 KB SRAM, 4MB flash

Secure boot with flash encryption

Hardware encryption (AES, RSA, ECC, HASH)

Ultra low power consumption

Core.WiFi

WPA2 Enterprise (EAP-TLS, EAP-TTLS, EAP-PEAP, EAP-FAST)

IEEE 802.11 b/g/n, up to 150 Mbps

X.509 certifications (4096-bit)

Firmware upgrade via Over-the-Air Update (OTA)

Core.LoRaWAN
(optional)

CN470/IN865/EU868/RU864/US915/AU915/KR920/AS923-1&2&3&4

FSK, GFSK, MSK, GMSK, LoRaTM and OOK Modulation

127 dB Dynamic Range RSSI

Over the Air Activation (OTAA)

Activation by Personalization
(ABP)Advanced Encryption
Standard (AES)

-144 dBm sensitivity

IEEE802.15.4g

Core.BLE
(optional Core.PDI)

Compliant with Bluetooth v4.2 BR/EDR and Bluetooth LE specifications

NZIF receiver with -94 dBm Bluetooth LE sensitivity

Adaptive Frequency Hopping (AFH)

Bluetooth 4.2 BR/EDR and Bluetooth LE dual mode controller

Multi-connections in Classic Bluetooth and Bluetooth LE

Simultaneous advertising and scanning

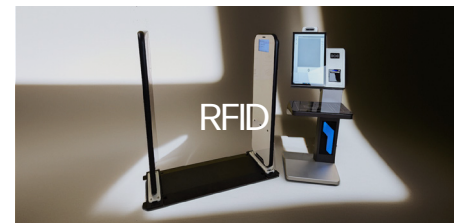
SMAVOO *Solutions*

Hybrid Tracking



Hybrid indoor and outdoor tracking means none of your assets go AWOL on our watch. Our smart trackers give you a real-time overview over your assets, and

seamlessly move from outdoor to indoor. Our RFID solutions make sure you always know what's there - even with tricky interferences or metal parts.

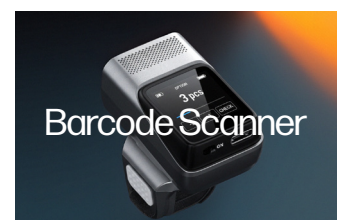


Smart Picking

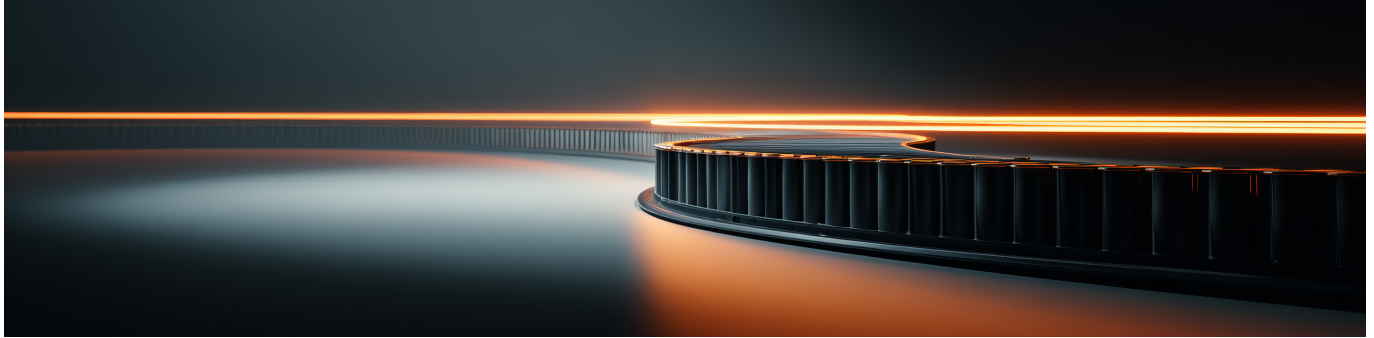


Smart picking guides your workers from A to B - and our solutions are there to make sure every pick is the right one. From saving paper by replacing picklists with

our EPD Tablets, handsfree Barcode-Scanners or our range of smart labels for KLTs and GLTs - we're always there to make sure the process flows just as intended.

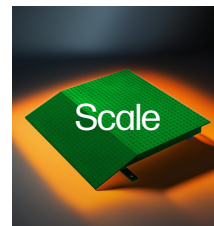
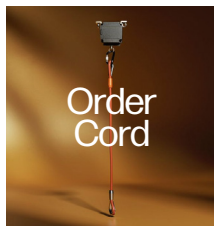


Smart Reordering & eKanban



With our range of automatic and semi-automatic line feeding solutions, we make sure your line never stops. From Distance Sensors to Switches and Scales

that detect when material levels are below a certain threshold to Order Cords and Reorder-Buttons: We make sure everything arrives on time, every time.

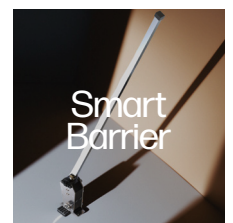
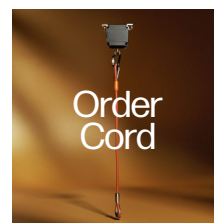


AGV/AMR Sensors



Our range of AGV/AMR sensors make sure your indoor transport is always perfectly coordinated and safe. With light-guided systems, AGV Buzzers and Smart

Barriers, your existing fleet always finds its way through your warehouse - and if you're still looking for an AGV fleet, we've got you covered with our models as well.

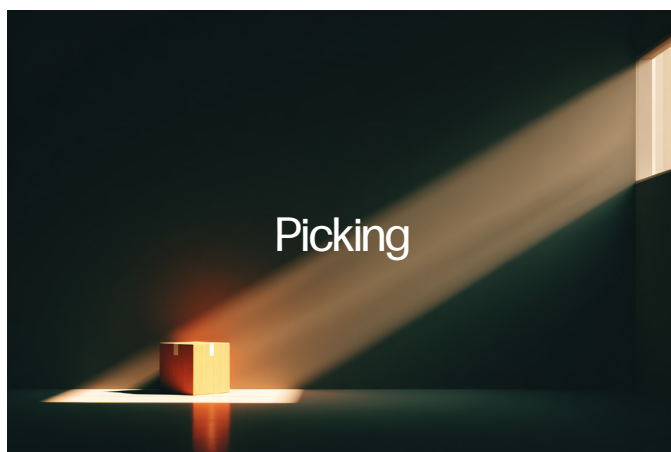
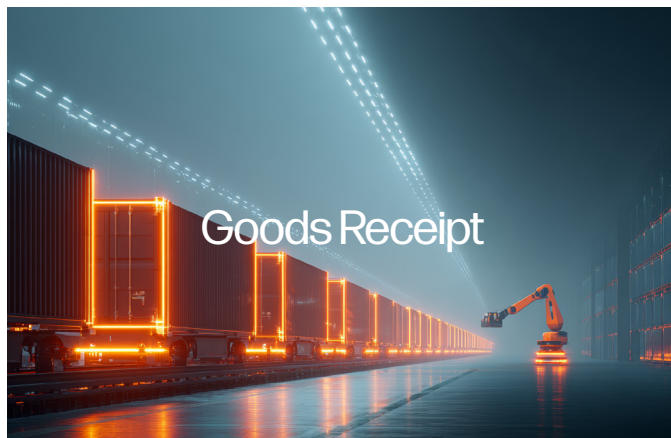


About SMAVOO

At SMAVOO, we believe in all-in-one-solutions: Hardware, Software & Service. We specialize in Industrial IoT (IIoT) solutions for production and logistics. Our expertise spans RFID technology, sensor networks, and software development with the goal

of creating modular systems that make operations efficient, transparent, and error-free. Our customized solutions help companies digitalize their processes and make smarter decisions through real-time tracking across all modern workflows.

Material Flow



We're not here to bulldoze your workflow: Keep what works, ditch what doesn't. We plug in, make it smarter, and let you scale or pivot without rewriting your playbook. And because we're logistics people too, we know the pain of endless integration projects. We've

been there, done that, and built something better: Fast rollouts, real support, and partnerships that don't vanish after go-live. Our track record? Industry leaders trust us to keep them ahead - because we deliver the goods, not just the sales pitch.

Smart, Seamless and Scalable. Or *Simply SMAVVO*.



Contact Us

Excited about the future? So are we, and we look forward to optimizing your processes together. Whether you're interested in a demo setup or just a casual introduction, you can reach us here.

General Enquiries

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