



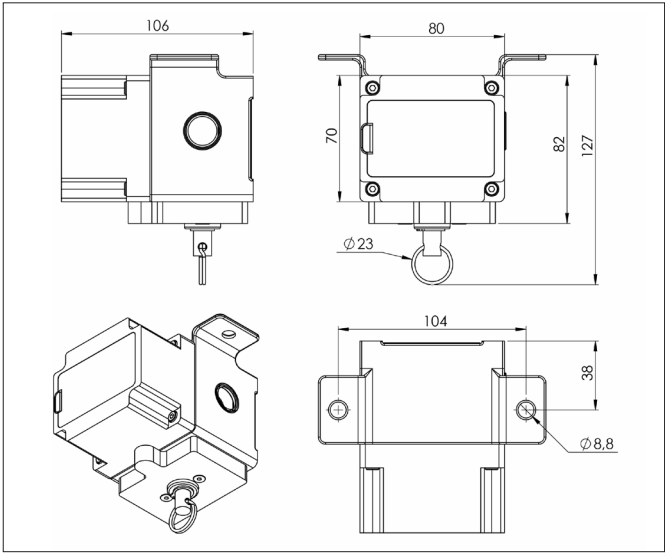
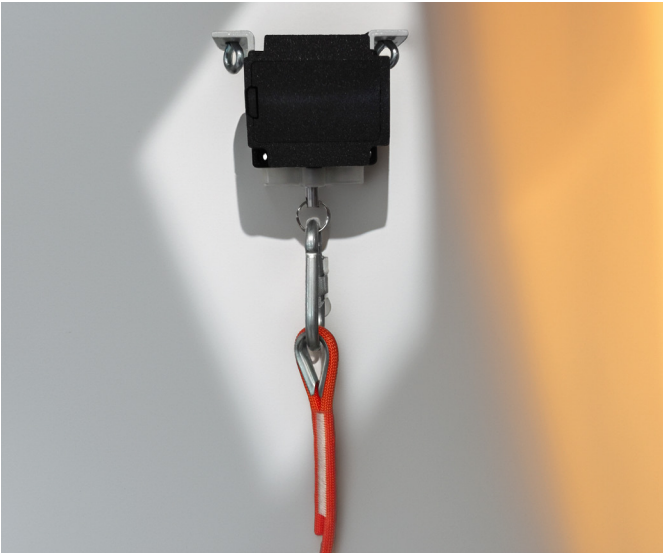
Description

The SMAVOO Order Cord is a pull-cord system designed for material reordering, AGV applications, and emergency alerts. Pulling the cord creates an order, and the integrated LED provides visual feedback on the order status. It operates with ultra-

low power consumption, ensuring reliability in warehouse and industrial environments. Additionally, its hybrid communication options (WiFi & LoRaWAN) provide flexible connectivity for various industrial environments for everyday use.

Key Features

- | | | | |
|-----|---|-----|------------------------------------|
| 01. | Fast Reordering Made Physical with RGB LED Feedback | 03. | Ultra Low Power, Long Battery Life |
| 02. | Built to Be Pulled. Again and Again. | 04. | Fast and Simple Usage |



Enclosure	Dimensions	111 mm x 80 mm x 105 mm
	Material & Color	Aluminium, synthetic material, black and grey
	Installation	Hanging installation via mounting tabs
Power Management	Power Supply	1x ER34615 lithium battery
	Lifetime	Up to 5 years with ten actuations per day
Temperature Regulations	Operating Temperature	-10°C to +40°C
	Ingress Protection (IP)	IP40
Quality & Compliance	Certifications	CE
	Warranty	24 months
Device Functionality	LED	RGB LEDs
	Switch	Pull cord
	External Connector	Service interface

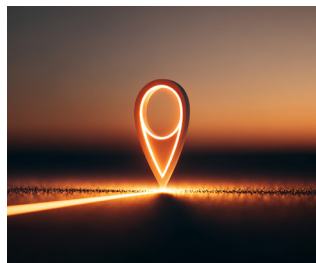


ONE.CORE Function

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

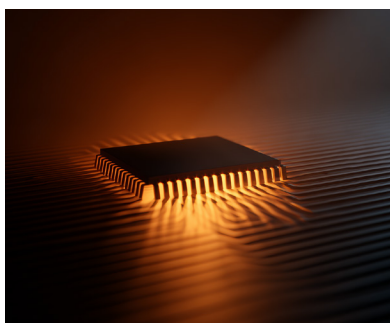


01.

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	