

LoRa Technology

SMART VISION: THE FUTURE OF HYGIENE DISPENSERS



Smart Vision Video

SMART VISION

SMART VISION

LoRa Smart Hygiene Management System The Step into the Digital World of Hygiene

Modern buildings require intelligent solutions for efficient hygiene management. Smart Vision connects hygiene dispensers using modern LoRa technology, enabling fully digital monitoring of consumables and device status in real time. By networking all dispensers, facility managers gain a central overview of the entire building, allowing maintenance, cleaning, and refill processes to be optimized. All data is automatically collected and can be monitored through a mobile app or a web-based portal, anytime and from anywhere. Smart Vision reduces operational costs, improves hygiene standards, and enables efficient and digital management of modern facilities.

Intelligent IoT Hygiene Solution

Smart Vision turns hygiene dispensers into smart IoT devices.

Devices automatically transmit important information to a cloud platform, including:

- current consumable level
- battery status of the devices
- usage statistics
- service and maintenance alerts
- device location within the building

All data is transmitted via the LoRa network to a gateway and then to the Smart Vision cloud platform, where it can be clearly monitored through the mobile app and web portal.

Expandable IoT Sensor Platform

An additional advantage of the Smart Vision system is its open LoRa IoT platform.

Besides hygiene dispensers, many LoRa sensors can be integrated to monitor various parameters within buildings.

Examples of possible measurements include:

- temperature monitoring (rooms, cooling systems, storage areas)
- air humidity
- CO₂ and air quality monitoring
- fine dust and air pollution
- water leakage detection
- motion detection sensors
- door and window sensors
- tank and container level sensors
- electric energy consumption
- water consumption monitoring
- parking sensors
- room occupancy sensors

All this data can be managed in one single system – within the same mobile app and web portal.

This allows building operators to have a centralized platform for hygiene, environmental monitoring, and building management.

Smart Vision Devices

The Smart Vision system includes intelligent hygiene devices for modern washrooms:

- Automatic soap dispenser
- Automatic paper towel dispenser (Sensor / AutoCut)
- Toilet paper holder
- Air care fragrance dispenser

The devices are designed for high-traffic environments and provide reliable and long-lasting solutions for professional facilities.

System Benefits

- fewer empty dispensers
- more efficient cleaning routes
- reduced operational costs
- higher hygiene standards
- centralized platform for building data
- full transparency of all devices

Ideal for Modern Facilities

Smart Vision is the perfect solution for:

- hotels
- hospitals
- airports
- shopping centers
- office buildings
- industrial facilities

SMART VISION

Smart Hygiene and Building Management

LoRa Technology | Cloud Platform | Smart Sensors

Everything on one platform – accessible via mobile app and web portal.



Autocut Towel Roll Dispenser

Towel Roll Dispenser with Sensor

SMART VISION P1L



TTC 600417



3 873516 004179

TTC 600416



3 873516 004162

- Elegant design
- Super compact, ideal for all washrooms
- Less paper consumption compared to folded towel paper
- Easy filling
- Blade length 27cm
- Push levers
- Easy installation
- Low noise
- Lockable
- RFID Technology
- With hygiene app for complete control
- 3 LR20 Mono D batteries are included

Dimension	Pack	Carton Dimension	G.G/kg	Palette	cm
304x210x304	1 pc./car.	315x230x320	2.5	72 pc.	205

SMART VISION P10L



TTC 600415



3 873516 004155

TTC 600414



3 873516 004148

- Elegant design
- Super compact, ideal for all washrooms
- Touch-free operation with "Touchfree" sensor
- Less paper consumption compared to folded towel paper
- Easy filling
- Sensor or auto mode
- Battery or power operation with adapter
- Easy installation
- Low noise
- Adjustable blade length
- Adjustable time delay between outputs
- Lockable
- RFID Technology
- With hygiene app for complete control
- 4 LR20 Mono D batteries are included

Dimension	Pack	Carton Dimension	G.G/kg	Palette	cm
304x210x304	1 pc./car.	315x230x320	2.5	72 pc.	205

SMART VISION Towel Roll Refill for Dispenser P1L, P10L



SMART VISION TOWEL ROLL, 100% WOOD PULP
Item No.

Item No.	ply	Dimensions	ø Roll	Color	Embossing	VPE	Palette	cm
TTC 402637 RF 3 871284 026379	2	6 x 140 m	18.5 cm	Bright white	Micro	6 rolls	40	240
TTC 402638 RF 3 871284 026386	2	6 x 200 m	19.0 cm	Bright white	Micro	6 rolls	40	240
TTC 410568 RF 3 871284 105685	2	6 x 280 m	19.5 cm	Bright white	Micro	6 rolls	40	240
TTC 404087 RF 3 871284 040870	3	6 x 100 m	19.0 cm	Bright white	Micro	6 rolls	40	240
TTC 600629 RF 3 873516 006296	50g	6 x 100 m	19.5 cm	Bright white	Micro	6 rolls	40	240

SMART VISION TOWEL ROLL, ECO NATURAL

TTC 409321 RF 3 871284 093210	2	6 x 140 m	18.5 cm	Brown	Micro	6 rolls	40	240
TTC 409322 RF 3 871284 093227	2	6 x 200 m	19.0 cm	Brown	Micro	6 rolls	40	240

Sensor foaming soap dispenser 1000 ml - with app



TTC 600413



3 873516 004131



TTC 600412



3 873516 004124

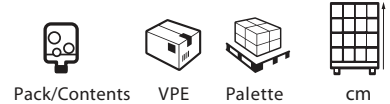
Dimension	Pack	Carton Dimension	G.G/kg	Palette	cm
138x112.5x257	12 pc./car.	420*425*280	9.3	240 pc.	200

SMART VISION S10L

- Elegant design
- Touch-free operation with "Touchfree" sensor
- Easy filling
- Capacity for 1,000ml – 2,500 servings per sachet
- Programmable dispensing of 1 to 3 servings
- Splash-proof according to level IP X4
- Easy installation
- Lockable
- With hygiene app for complete control
- 4 LR06 AA batteries are included

Item No.

SMART VISION FOAM SOAP



TTC 404895



3 871284 048951

1000 ml

Dovena Foam Soap

6 x 1000 ml

6

96

165

Disinfectant Dispenser Sensor 1000 ml - with App



TTC 600609



3 873516 006098



TTC 600608



3 873516 006081

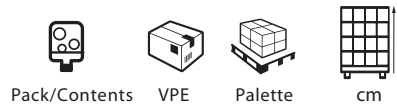
Dimension	Pack	Carton Dimension	G.G/kg	Palette	cm
138x112.5x257	12 pc./car.	420*425*280	9.3	240 pc.	200

SMART VISION H10L

- Elegant design
- Touch-free operation with "Touchfree" sensor
- Easy filling
- Capacity for 1,000ml
- Programmable output one to three servings
- Splash-proof according to level IP X4
- Easy Installation
- Lockable
- With hygiene app for complete control
- 4 LR06 AA batteries are included

Item No.

SMART VISION ALCOHOL-BASED HAND SANITIZER BAuA: Reg. No. N-92071



TTC 404896



3 871284 048968

1000 ml

Hand sanitizer

6 x 1000 ml

6

96

165

Toilet seat cleaner dispenser with sensor, 600 ml - with app



TTC 600631
3 873516 006319



TTC 600630
3 873516 006302

SMART VISION H20L

- Elegantes Design
- Berührungsfrei Bedienung mit Sensor „Touchfree“
- Kinderleichtes Befüllen
- Kapazität für 600ml-1500 Portionen pro Beutel
- Programmierbare Ausgabe ein bis drei Portionen
- Spritzwasser geschützt nach Level IP X4
- Leichte Montage
- Abschließbar
- Mit Hygiene App für komplette Kontrolle
- 4 LR06 AA Batterien sind im Lieferumfang enthalten

Dimension	Pack	Carton Dimension	G.G/kg	Palette	cm
110x102x218	12 pc./car.	420*425*280	9.3	360 pc.	200



Item No.

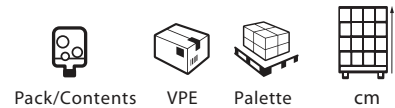
SMART VISION SEAT CLEANER

TTC 410584



600 ml

Seat Cleaner



6 x 600 ml

6

96

165

Double Roll Toilet Paper Dispenser - with App



TTC 600607
3 873516 006074



TTC 600606
3 873516 006067

SMART VISION T10L

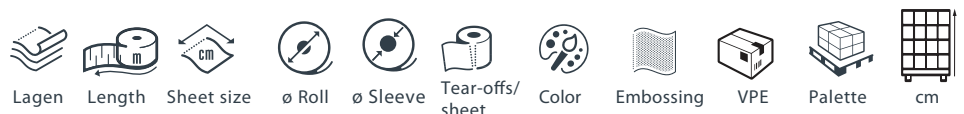
- Elegant design
- Easy filling
- New role automatically falls after
- With brake function for controlled consumption
- Easy installation
- Lockable

Dimension	Pack	Carton Dimension	G.G/kg	Palette	cm
160x162x275	1 pc./car.	165*167*280	0.9	144 pc.	225



Item No.

SMART VISION TOILET PAPER



TTC 410249		2	100 m	9.5 x 11 cm	13 cm	2 cm	910	Bright White	Micro	32 rolls	28	225
TTC 410248		3	70 m	9.5 x 11 cm	13 cm	2 cm	636	Bright White	Micro	32 rolls	28	225
TTC 600411		2	100 m	9.5 x 11 cm	13 cm	2 cm	910	Eco Natural	Micro	32 rolls	28	225

Fragrance dispenser - with app



TTC 600611



3 873516 006111



TTC 600610



3 873516 006104

SMART VISION D10L

- Elegant design
- Easy filling
- Capacity for 270ml
- Programmable
- Easy installation
- Lockable
- With hygiene app for complete control
- 2 LR06 AA batteries are included

Dimension	Pack	Carton Dimension	G.G/kg	Palette	cm
92.5x80x227.5	30 pc./car.	510*286*505	13.65	720 pc.	220

Air freshener for D10L



TTC 403445



3 871284 034459



TTC 403442



3 871284 034428



TTC 403446



3 871284 034466



TTC 403444



3 871284 034442



TTC 403443



3 871284 034435



TTC 403942



3 871284 039423

SMART VISION AIR FRESHENER SPRAY

- Capacity: 270ml (3000 sprays)

Orange	TTC 403445		
Floral Bouquet	TTC 403442		
Herbal Fern	TTC 403446		
Oriental	TTC 403444		
Cotton	TTC 403443		
Sandalwood	TTC 403942		
Box	12 Pcs./Box	Pallet	12 x 108 Box

SMART VISION



**GERMAN
DESIGN
AWARD
WINNER
2024**

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