Refrigeration and freezer terminal

The refrigeration and freezer terminal opens up new opportunities in the food and pharmaceutical industries, in terms of trade and logistics.

All-round fresh goods

This solution is suited to: supermarkets, logistics providers, groceries, pharmacies, and suppliers requiring an uninterrupted cold chain.

The refrigeration and freezer terminals allow temporary storage of food and online purchases, without interrupting the cool chain. The terminals are fully automated and can be managed remotely. In the chiller area, temperatures are between +1 and +5 degrees; in the deep freeze, between -18 and -20 degrees.

If required, room-temperature storage compartments can also be integrated, as not all foods and medicines require refrigeration. These terminals are primarily intended for use in the food and pharmaceutical industries.

These days, society is making a conscious effort in terms of healthy eating. But fresh produce is not always readily available. When customers don't have time to get to a grocer, often the only remaining option is a visit to the petrol station. But most petrol stations aren't open 24 hours, and stock a limited amount of fresh produce. With the refrigeration and freezer terminal, customers can be given the option of purchasing fresh food at any time.

The 24/7 Smart Terminals offer the same convenience for medicines, which can be obtained only during pharmacy opening hours. The customer base can be expanded with additional services.

Product features

Fresh food and essential medication at any time of the day or night – refrigeration and freezer terminals make these a possibility:

- Fresh produce around the clock
- Uninterrupted cold chain
- Target market expansion
- Improved availability of medications

Good to know

- Remote, real-time temperature control.
- Multiple safety systems, such as: Alarm when doors remain open for too long, or in the event of temperature fluctuations
- Independent temperature reconfiguration of each individual box
- Temperature histogram
- Greenhouse gas-free refrigerant
- System can be installed inline or as a standalone solution; with doors on front and rear.
- Energy efficient
- Bacterial proliferation resistant

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Versions	■ Single-sided terminal with 7 compartments ■ Two-sided terminal with 14 compartments
Extension	In addition, both versions can be extended with expansion modules, each with 8 (single-sided) or 16 (two-sided) compartments.
Components	8" touchscreen, Industrial PC, Safety systems for temperature control
Power	220 V input voltage, consumption 3.84 kWh
Weight	7 compartments: approx. 400 kg 14 compartments: approx. 600 kg
Dimensions*	7 compartments: Height 2380 × Width 1470 × Depth 750 mm 14 compartments: Height 2380 × Width 1470 × Depth 900 mm

Compartment**	Standard 7	Standard 14
Height (mm)	360	360
Width (mm)	354	350
Depth (mm)	530	330

* Tolerance differences of 2% possible / ** Internal dimensions

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Facts

Colours

24/7 Smart Terminals are now even more durable, thanks to a special powder and anti-graffiti coating. Terminals are optionally available in over 200 RAL colours..

Prerequisites: Technology/location

- Level and accessible indoor or outdoor surface (ideally a foundation)
- Power supply
- Internet access via cable, Wi-Fi or radio (SIM card) 3G, 4G.

Service and Support

Purchasing our products means opting for a continuous and trustful cooperation. Professional customer service, customer care, and efficient service, are provided as standard at Kern. This means that the Kern Group is available to its customers all over the world and around the clock, via its representatives.

Personal on-site consultancy

Consultancy takes place on site, so that an optimal and customised solution can be identified and developed.

Needs analysis

Customer needs are of the highest priority. Only thanks to the experience and knowledge gained from customers, a "tailor-made" solution can be found.

Installation

24/7 Smart Terminals are installed by the Kern team or a locally-based partner. This ensures a trouble-free installation process.

System integration

The system is controlled as standard with Kern software. If existing programs are available, easy integration is possible via interfaces.

On-site employee training

Employers are trained on site. This ensures smooth handover and a uniform level of knowledge of the chosen system.

Comprehensive support during operation

Should questions or feedback about the terminals arise, the Kern team is available at all times to provide service and support.

Reliable service programme

The combination of 24/7 customer service and service level agreement provides an optimal service.

24/7 Smart Terminals
Bring's hin, nimm's mit!

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