

K-PER

The smart solution
for physical key management



K-Per is the electronic cabinet for automatic and fully secure company key management, without the need for a physical concierge.

The K-Per key cabinet manages **from 24 to 72 key positions**, uses key fobs equipped with RF tags and features a **simple and intuitive user interface**.

K-Per keeps **track of who picks up and returns** the keys, automatically reports **keys not returned**, allows **booking** the keys, allows creating authorisations for **homogeneous groups of keys**.

FUNCTIONALITY

- The user is **identified by means of the multi-technology RF reader** in the control panel; in addition to reading a badge, a PIN can also be requested to increase security.
- The **LEDs** corresponding to each key slot and the indications on the **display** guide the user through various stages of key pick-up and return.
- K-Per records and stores **credentials, transactions** (main door opening, key pick-up and delivery, panel opening for maintenance purposes, etc.) **and alarms** (non-delivery, unauthorised user, etc.) **in a database**; the data can then be exported to a PC for further processing.

MODULAR SYSTEM

K-Per hosts 24 keys, but it is possible to manage up to 72 keys by associating **up to 2 slave cabinets** (without display and reader) **to the Master cabinet** (fitted with control panel composed of display and RF reader).

K-FOB KEY FOBS

Every key is connected to a K-Fob fitted with RF tag which allows the **unique identification**. K-Fob ensures that the key is firmly locked in the cabinet and can only be picked up by authorised users. The RF tag makes return operations fast and secure and also ensures the correct positioning of the key in its dedicated slot (SLOT).

CONFIGURATION AND MANAGEMENT MODE

K-Per can be configured and managed in three different ways:

- **via web by means of a browser** (stand alone operation);
- **integrated with XAtlas** (as of version 1.9.25 onwards);
- **integrated with third-party software**.

TECHNICAL SPECIFICATIONS

OPERATING SYSTEM	Linux embedded
PROCESSING UNIT	32 bit ARM microprocessor
MEMORY	<ul style="list-style-type: none"> • FLASH 512Mbytes • RAM 256Mbytes • Storage capacity: over 100,000 elements (tables and timestamps)
RFID TECHNOLOGY	<ul style="list-style-type: none"> • Mifare UID • 125 KHz
DISPLAY	Self-powered quartz clock/date 5" touch screen display (autonomy of over one year)
PORTS	<ul style="list-style-type: none"> • USB 2.0 port • Main 10/100 Mbit Ethernet port
CONNECTOR	Connector for modem or Wi-Fi module
ALARMS	Anti-tamper sensors on every door that can be opened
POWER SUPPLY	<ul style="list-style-type: none"> • Power supply 220 Vac, 50 Hz +/- 10% Max. 60 VA consumption • Buffer power supply with internal rechargeable battery of 3.5 A/h
PHYSICAL CHARACTERISTICS	<ul style="list-style-type: none"> • Steel key fobs with RFID tag for key identification • Painted sheet metal container • Highly resistant transparent polycarbonate front panel
DIMENSIONS	H=410 mm x l=850 mm x D=150 mm
WEIGHT	20 Kg
OPERATING TEMPERATURE	From 0°C to +50°C