

Ktransit

Advanced strengths and features



- > Access and time control for garage gates
- > Active tags reader and gate management
- > Off-line functionality
- > Up to 7.500 users with independent entrance permission
- > Keeps access notes of arrivals and exits
- > Perfect for car parks access and traceability solutions



Kimaldi ID32 platform

Ktransit terminal is based in **Kimaldi ID32 platform** with 32 bits processor.

This new platform supposes a big technological step both hardware standard as software standard, offering a high strength and connectivity.

IP protocol is based in UDP through which are **optimized the system resources** and also the traffic dithering, giving **the most efficiency and speed**.

The high level communication protocol developed by Kimaldi implements the **security algorithm and the dither management**.

Besides, It's very **flexible and adaptable**, due to Kimaldi 32 platform that allows to control the evolution in a quickly way, and innovate with the market needs.

IP SERVICES:

- **TCP/IP**
- **Wi-Fi**®:
 - Through the external converter to RS-232
- **Kimaldi Localization service:**
 - Allows to list the Kimaldi devices connected to our LAN
 - Allows to configure the needed parameters to establish an UDP communication
 - Available control ActiveX
- **UDP-Classic Interface:**
 - Evolution through to the serial dither's IP
 - **Needs an IP port of the host to each node**
- **KSP-UDP interface:**
 - Is the evolution to IP from the Bus CAN concept
 - Exists traffic control
 - Available Control ActiveX

Description

Off-line access control and time&attendance system with active RFID. Ktransit innovates the access control to parks or garages, offering high advantages comparing with other controls.

- > **It incorporates off-line access control:**
- > Relays for different opening configurations
- > Configurable digital inputs for sensors

- > **It incorporates off-line time&attendance system:**
- > User permission for different time and day
- > Automatic detection for entrance and leaving
- > Capacity control
- > Anti-passback control

- > **It incorporates off-line logging system:**
- > Loggings are sent in real time if the equipment is connected
- > Additionally, loggings are stored on the memory, so they can be connected at any moment

- > Easy management for lost remote controls

System features

- > It shares features with Kimaldi Kreta 2
- > Uses two Active RFID technology readers
- > Very simple user interface
- > Relay management design for garage or parking gates
- > Easy user's management
- > Anti-passback control and capacity control with anti-passback
- > Generation of low battery events of the tags
- > On-line events signs
- > On-line activation of the open gate relay
- > Personalized messages (display option)
- > On-line reading mode, to adjust the active RFID tags range levels

Common applications

- > Access control to parking or garages, car parks rents or garage rents for hours, labour signing control for companies, person's and vehicle's tracking, vehicles control, attendance control and labour clock in with long distance identification and inventory control.

Technical specifications

Ethernet (IP) connectivity	10/100 Base-T, UDP and TCP/IP protocol; Wi-Fi optional
CAN connectivity	Compatible with readers network CAN Kimaldi
Storage logs	7.500 permissions – 300 exceptions 15.000 dials in
Entry and exit readers	7.500 personalized messages
	4 relays, intern beeper
	2 LED exits + external beeper
	2 digital entries (gate control)