

Kreta2-FP

Advanced capacity and features



- > 32 bits processor
- > Connectivity TCP/IP, RS-232 and CAN integrated
- > Powerful biometric system
- > Dual user interface for two ways
- > Strong and easy programming



Range of products Kreta2

Wide range of products Kreta2 are based on the powerful platform *Kimaldi ID32* developed by Kimaldi Electronics.

This platform is a huge technological challenge both software and hardware. Hardware is controlled by a 32 bits RISC processor and integrates at its own board IP, CAN and RS-232 connectivity.

IP protocol is based on UDP, optimizing all the resources and reducing the traffic frames, providing the highest efficiency and speed.

Communications protocol developed by Kimaldi implements security algorithm and frames management. Kimaldi ID32 platform offers an added value in parallel with evolution and market needs.

Wide range products Kreta2 offers a reliable solution for access control and Time&Attendance system with the best versatility for configuration, communication, functionality and identification methods: biometric technology, RFID (high and low frequency), smart card and magnetic stripe.

Description

Powerful Access Control and Time&Attendance system with high features by biometric recognition and off-line working mode. It offers versatility for connectivity, configuration and peripherals both local and remote.

This terminal is able to manage both directions (in and out) for different doors and different readers located at different places.

Main features

- > Software Development Kit for programming.
- > It supports off-line authentication mode (1:N) and optionally mixed (1:1) with RFID reading (High and Low frequency), smart card or magnetic stripe.
- > Connectivity with the host can be done by IP, CAN, RS-232 integrated and optionally Wi-Fi by converter. It allows to create a network of readers.
- > Memory capacity for 4,000 users and users enrolment can be done remotely, local immediate and local delayed.
- > It supports off-line working mode. Events are stored in a non volatile database and also sent to the host at real time.
- > Dual reading and management: capable to manage two readers for input/output and two doors management.
- > Siren's management for starting and finishing work time, anti-passback management, capacity management and work hour management.
- > Stainless steel, plastic case or OEM (for mechanical integration).
- > Possibility to realize changes for projects (minimum units required).
- > Excellent quality and competitive price.

Typical applications

- > *Access control.* There are many applications and sectors where access control is used, both domotic environment and housing, car parks and industrial access control and other reserved or security areas.
- > *Time&Attendance Control.* Solution used in sport clubs, universities, hospitals, health resorts or hotels where Tim&Attendance solution allow the access just where the user has permission.
- > *Work hour Management.* Best solution for working environment, because it saves time to the Personnel Department, it manages working shifts, incidents, absenteeism from work...

Technical specifications

Fingerprint sensor	Optic: Resolution 500DPI: Auto-on
Biometric identification / Verification	1:N: 1:1
Algorithm	FRR: <0.1% FAR: <0.001%
Number of users	1,000 or 4,000 (according to version)
Number of logs	15,000
Number of incidences	255
Number of personalizad messages	1,000 / 4,000
Ports	2 RS-232: 2 TTL
CAN	Integrated in the board
RS-232	9600, 19200, 38400 bps (integrated in the board)
UDP, TCP/IP	Integrated in the board
Wi-Fi	With converter
Programming	OCX, ASCII frames
Worked hours	Controlled by software
Remote module control:	Yes for relays, readers, display and keyboard
Enrolment	Remote, local immediate and local delayed
Operating Temperature:	From 0°C to 70°C
Stainless steel case	142 x 209 x 57 (82) cm / 1.48 kg.
Plastic case	16.5 x 21 x 7 cm / 428 gr.

