



Access and Time&Attendance Control

Off-line

Kreta3

Kimaldi Electronics, S.L.

www.kimaldi.com

The strongest and most adaptable access control and time&attendance control terminal of the market

- Powerful access control and time&attendance control with fingerprint recognition and standalone working. Offers versatility for connectivity, configuration and peripherals
- Very flexible thanks to its several assembly configurations, so it is prepared to segregate the electronic board for high security surrounds.
- Offers the connection possibility to several readers, depending on the needs of each project.

Independent operating and connectivity

-Intelligent self operating system

- BBDD of users
- BBDD of timetables
- BBDD of markings (incidences/logs)
- BBDD of customized messages

- Connectivity to host

- For data capture of and in real time modification
- RS-232 and TCP/IP (UDP) integrated connectivity, Wi-Fi by converter.
Allows to create a network of terminals.

Kreta3 advantages (1)



- Software Development Kit for programming.
- Powerful algorithm of biometric recognition 1:N and 1:1 combining digital fingerprint with user code or RFID HF or LF, eDNI, smart card or magnetic stripe. Possibility of biometric exception for injured fingerprints.
- Segregable electronic board allowing to protect database and relays in a safety place. Ideal for high security surrounds.
- Antitamper detection
- RS-232 and TCP/IP integrated connectivity, Wi-Fi by converter. Allows to create a network of terminals.
- Up to 4.000 fingerprints store which can be remotely, immediately or delayed enrolled.
- Offline working with logs storage in non volatile memory and real time event shipments.

Kreta3 advantages (2)



- Weekly timetable definition, daily shifts (up to three shifts), holidays, exceptions, incidence codes, customized messages (allow communicate work hours or other information for each user).
- Functionalities: Antipassback, upgradable Firmware, several user enrolment methods, capacity management, work hour management, non permitted door open siren, compatibility with other terminals, etc.
- Stainless Steel, Office case or OEM (for mechanical integration).
- Possibility to customize firmware for projects (minimum units required).
- European high quality products and competitive price.

Easy integration SW

- SDK
- Demo Software included
- Programmable by manual commands
- Complete ASCII and fast guides

Easy integration HW

- Easy installation
- Kit OEM for integration in turnstiles and panels
- Segregable electronic board

✓ Reduced *time-to-market*

Kreta3 Reader options and housing



RFID reader Standard Case



RFID and Fingerprint reader
Standard Case



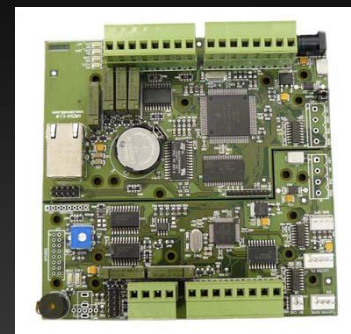
Fingerprint reader Stainless
Steel Case



Fingerprint and ID card
reader Case



Kit OEM for Integration



Electronics for Integration

Finishes (1)



Ideal for offices. Modern, attractive and smart design.

Two versions:

- Biometric + RFID (125 kHz Proximity, Mifare, etc.)
- RFID (125 kHz proximity or Mifare, etc.)

Office Case

Finishes (2)



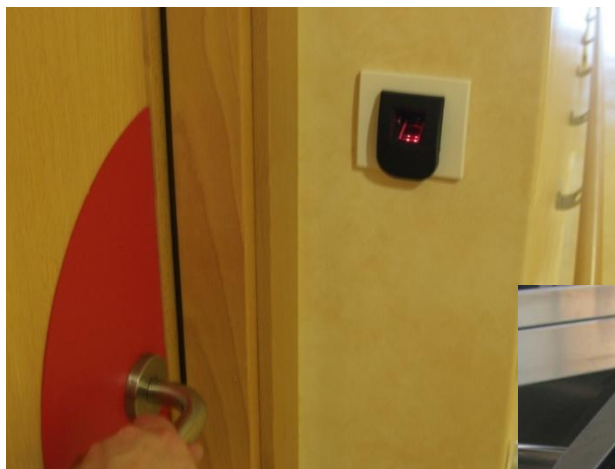
Ideal for security environments.
Safe, strong and elegant design.

Biometric Readers, RFID (125 kHz, Mifare, etc.) and magnetic stripe versions.



Inox Case

Finishes (3)



Ideal for integration in access gates and panels.
Easily mounting for the most customized projects.

OEM KIT for integration

Finishes (4)



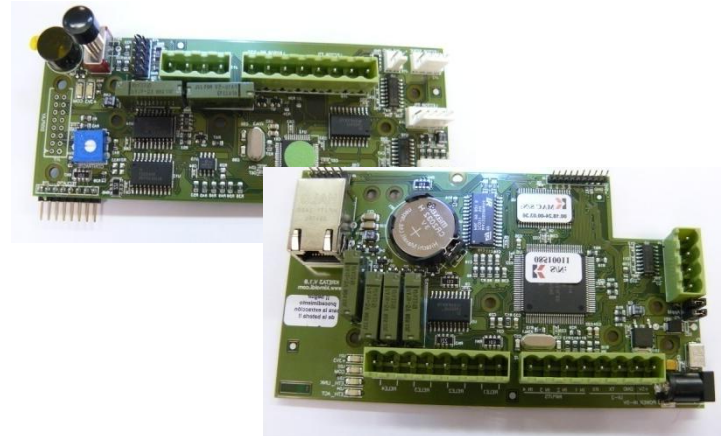
BBDD Board Case

Access control and time attendance control device with separated user interface

Finishes (5)



For hardware integrators and terminal manufacturers. Also for non conventional solutions. Ideal for highly customized and flexible solutions.



Electronic Board

Kreta3 Technical Specifications



• Fingerprint Sensor:	<i>Resolution 500DPI; Auto-on</i>
• Biometric Identification / Verification	<i>1:N; 1:1</i>
• Algorithm	<i>FRR: <0.1% FAR: <0.001%</i>
• Number of fingerprints (Biometric)	<i>1.000 o 4.000 depending on version</i>
• Number of users (Mifare, 125kHz, eNDI,...)	<i>7.500</i>
• Number of logs	<i>15.000</i>
• Number of incidences	<i>255</i>
• Number of customize messages	<i>As many as users</i>
• Number of relays	<i>4 relays (optionally up to 6)</i>
• Digital inputs	<i>4 digital input</i>
• Connection:	
RS-232	<i>9600, 19200, 38400 bps Integrated on board.</i>
TCP/IP	<i>Integrated on board.</i>
Wi-Fi	<i>With converter.</i>

Kreta3 Technical Specifications

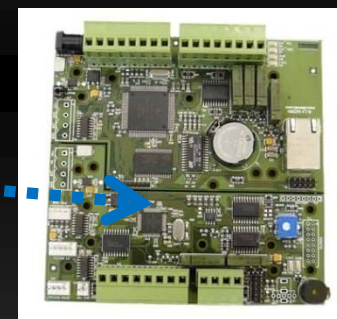
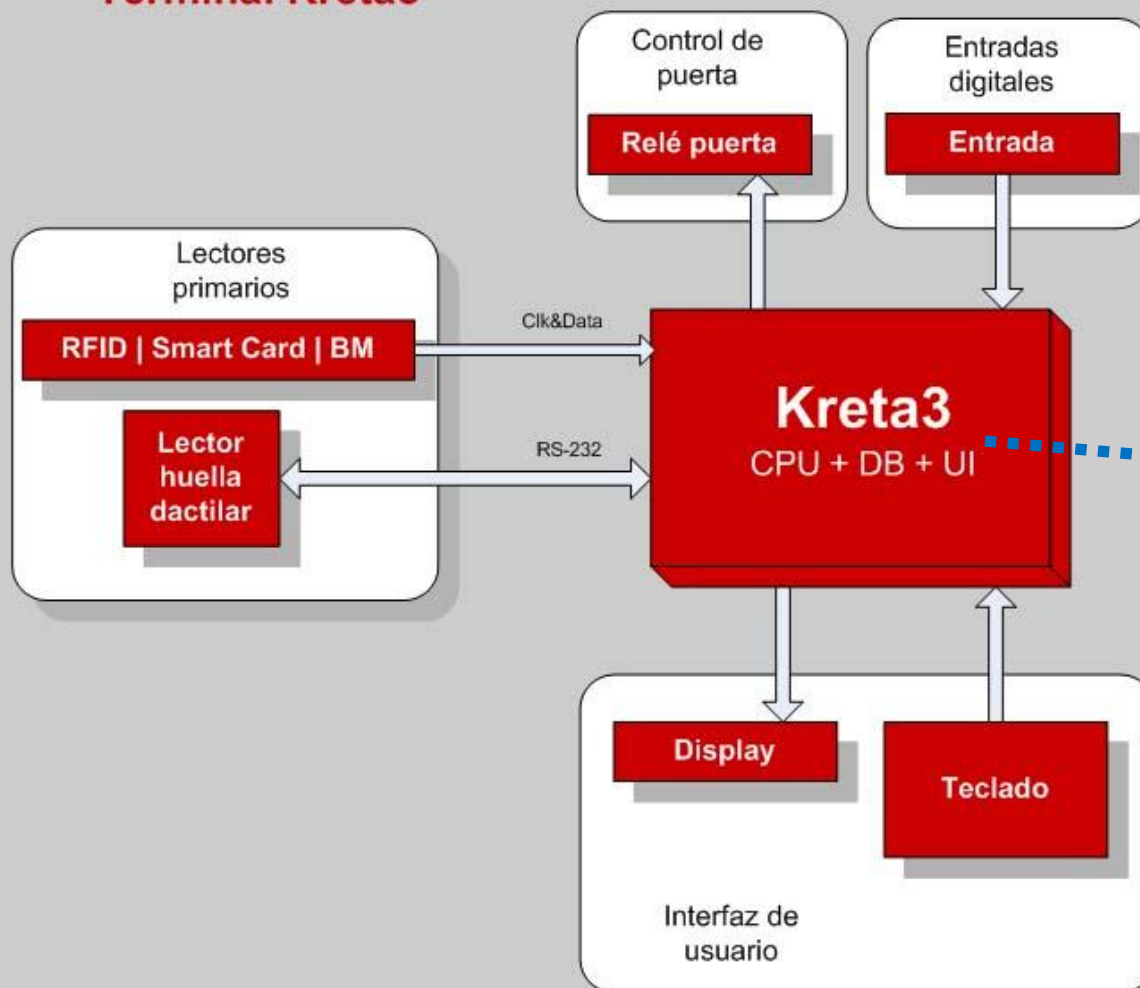


- Programming: *OCX, ASCII frames.*
- Worked hours (T&A): *Controlled by SW.*
- Remote module control: *Yes for relays, readers, display and board*
- Firmware: *Upgradeable by RS-232 or TCP/IP*
- Power Supply: *5V.*
- Users enrolment: *Remote, local immediate and local delayed.*
- Operating temperature: *From -20°C to 80°C*
- Stainless Steel case: *14,8h x 20,7 x 5,9 (8,2) cm / aprox. 1,7 kg.*
- Office case: *16,5h x 22,1 x 6,1 cm. / 600 gr.*

Kreta3 configuration of basic assembly



Terminal Kreta3

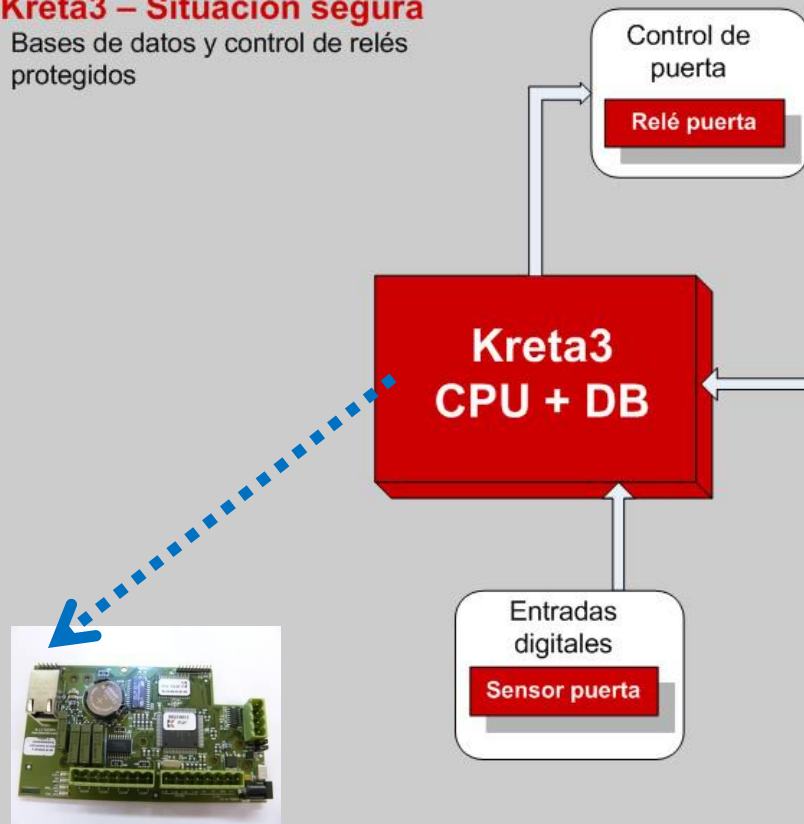


Kreta3 configuration of basic assembly

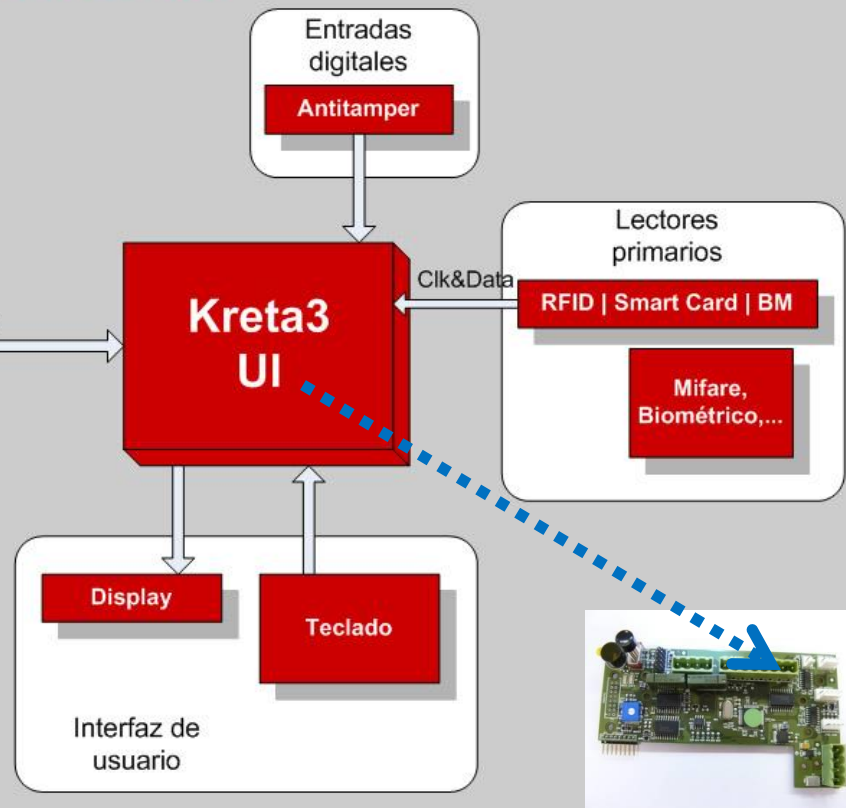


Kreta3 – Situación segura

Bases de datos y control de relés protegidos



User Interface



Kreta3 Models and Part Numbers



Configuration of Models available in www.kimaldi.com
 Datasheets and Price list available in [Partners Room](#)

01KRT3ESB11	Kreta3 Terminal No readers, feeding included		(8)		(11)	(13)	2	1	X
01KRT3ESB11F1	Kreta3 FP 1000 Terminal Fingerprint, feeding included	X	(8)		(11)	(13)	1	1	X
01KRT3ESB11F1X1	Kreta3 FP + Prox Terminal Fingerprint + Prox. 125 kHz. Feeding included.	X	(8)	X			1	0	X
01KRT3ESB11F1X2	Kreta3 FP + Mifare Terminal Fingerprint + Mifare prox. Feeding included.	X	(8)	X			0	1	X
01KRT3ESB11X1	Kreta3 Prox Terminal Proximity 125kHz. Feeding included.			X		(13)	2	0	X
01KRT3ESB11X2	Kreta3 Mifare Terminal Mifare proximity. Feeding included.			X		(13)	1	1	X
01KRT3ESA11G1	<u>Kreta 3 Mag Inox Box Terminal.</u> Magnetic Stripe. Feeding included.	(7)	(8)	(9)	(10)	X	2	0	
01KRT3ESN1	Kreta3 Electronics Electronics for integration.	(7)	(8)	(9)	(10)	(11)	(12)	(13)	2 1 X
01KRT3ESN2	Kreta 3 Electronics + Display Electronics+ display 2x20	(7)	(8)	(9)	(10)	(11)	(12)	(13)	2 1 X
01KRT3ESN3	Kreta 3 Electronics + Display + Keyboard Electronics + display 2x20 + Keyboard cover	(7)	(8)	(9)	(10)	(11)	(12)	(13)	2 1 X
01KRT3ESN4	Kreta3 Kit OEM Terminal without box, and integration cover.	(7)	(8)	(9)	(10)	(11)	(12)		2 1

Kreta3 Applications



- **Access control and Time&Attendance control terminal Kreta3** offers high versatility and much functionality that can be used in several applications and different surrounds.
- **Access Control.** There are many applications and sectors where access control is used, both domestic environment and housing, apartments, car parks, commercial and industrial access control, hotels, health centers, universities, sport clubs, ports, camp sites and other reserved or security areas.
- **Time&Attendance.** Control Solution used in sport clubs, universities, health resorts, hospitals or hotels where Time&Attendance solutions 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, incidences, absenteeism from work...

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Commitment and flexibility for the channel

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