



Electronic BIO security



iLOCK - 300

KEPBER teknika, we offer devices that are critical to secure access to your device or critical room with the latest bio-electronics technology. " Face scan and/or Finger print and/or RFID card and/or User ID "

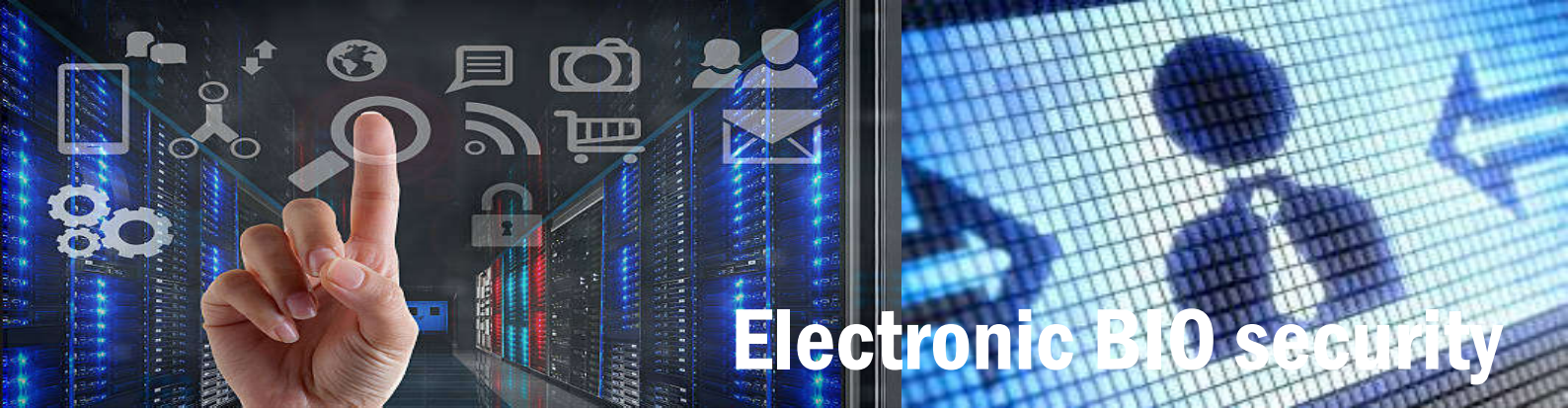
iLOCK 300 is a professional high-end access control device which have RFID card & fingerprint authentication for access control. It's with the leading-edge fingerprint arithmetic in the world, automatically analyze the tiny difference of the latest fingerprints vs. the previous fingerprints and update accordingly to ensure the high accuracy and the optimum speed of fingerprint recognition. High recognition ability for injured and peeled fingers, the identification time is less than 1 second. With multi-level validation, lock combination and anti-pass back etc. advanced validating functions. The device includes two set locks for output, two set door release buttons, one set Wiegand 26/34 output and input. It could download and upload data & record by U memory flash, TCP/IP communication function, you could realize access control networking and data collection & sharing freely.



Features

- It's with the leading-edge fingerprint arithmetic in the world, automatically analyze the tiny difference of the latest fingerprints vs. the previous fingerprints and update accordingly to ensure the high accuracy and the optimum speed of fingerprint recognition.
- The device is built-in ID card sensor(optional for IC card), validate freely by Card, fingerprint and password combination, access control is more flexible and securely.
- Support U disk to download or upload attendance records and fingerprint data etc. User could enroll the fingerprint in one device, and share the enrollment information with other devices through the USB flash memory stick.
- TCP/IP communication, network connection is simple and convenient, support Push Technology, operate access control networking and data collection & share freely
- With multi-level validation, lock combination and anti-pass back functions.
- With tamper alarm, over-time door opening alarm, fire alarm and Hijack alarm etc. alarm functions
- Authentication modes are 1:1 and 1:N, user can register ten fingers, max fingerprint capacity is 2,000 enrollment and 100,000 record
- With two set locks for output, two set door release buttons, those could connect wire or wireless switch.
- With two groups of Wiegand, one group Wiegand 26/34 for output and one group Wiegand 26/34 for input.
- Sensor with quality image and resistant to use, accepts dry/wet fingers. Adjust image distortion, assure fingerprint matching consistency.





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Technical data specification

Model	iLOCK-300
Identification time	<0.5 sec (verification time), FRR ≤1%, FAR≤0.0001%
Authentication mode	1:1,1:N
Max User Capacity	2,000
Fingerprint Capacity	2,000
Transaction/Log/Stroke Capacity	100,000
CPU-unit	ARM926EJ CUP (200 Mhz)
Capacity notification	Alarm when log capacity is full
Language	English / Spanish/Portuguese/ German (could customize others)
Push Technology (UDP)	Device Pushes real-time attendance record to the RAMS Software automatically, including the offline records.
Display	2.4inch TFT Screen
Fingerprint Sensor	500DPI (Optical)
Hardware Platform	REALAND ZDC2911
Algorithm Version	REALAND RSFv5.1
Communication	TCP/IP, RS485, USB Memory Disk
Authentication Method	Fingerprint/ RFID Card (125Khz)/Password
Bell	Built-in Timing Bell (Scheduled-bell, can connect to external timing bell)
Lock output	Normal open/Normal closed (interface for lock 2 output)
Access Control Interface	Wiegand26/34, Door Lock, Siren, Release Button, Doorbell, Door Sensor
Alarm function	Threatens Alarm, Anti-dismantlement Alarm, Unlock Illegally Alarm, Circumscribed Alarm, Time-out Alarm
Professional access function	Open door by multilevel verification, anti-pass back
Optional functions	Add to 3,000 templates, MIFARE CARD (13.56 Mhz) function
Power Supply	DC 12V/1A
Operating environment	Operating Temp: 0°C-50°C, Humidity:80%
Terminal Size:	181(L)*91(W)*36(H)mm

Accessories

- Power supply with battery back up 12-48 hr.
- Magnetic - electronic lock 300,600,1200 lb
- Exit/ Break gas/ Emergency switch
- Alarm bell
- Voice (available)

