

ZK – F4 Vista

Fingerprint Access Control



ZKSoftware
The Advanced Biometric Solution

AVI INFOSYS LLC
AUTHORISED ZKSOFTWARE
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Product Introduction

F4 Vista is a professional access control product, specially designed for the international high terminal access control market. It has been developed by ZK Software. F4 Vista adopts ZK sensor to collect the fingerprint images, the quality of the fingerprint identification is improved obviously, with ZK multi-engine Biokey algorithm, the identification speed increased 1.5 times as before, it can deal with 2000 qualified or unqualified average distributed fingerprints, it makes the system easy to operate, reliability, accuracy are all improved. ZK best fingerprint RIS algorithm system is also the good option for customer; the identification speed can reach 7000 per second.

F4 Vista use the professional static electricity prevention and anti jamming design, all of the input or output interface are protected from over-voltage and frequency, it has the function of anti-dismantlement alarm and professional alarm, as well as the voltage and PFK watchdog inspection, outstanding quality.

F4 Vista has already reached the top flight of the international technology, not only in the hardware or software, but also the using function. It is also the top class access control product in ZK Inc., it can fulfill all kinds of demands of the customers.

Technical Specification

User Capacity	:	1500 fingerprints, standalone storage 50000 records
Algorithm version	:	2007 Version ZK Finger algorithm
Identification	:	1:1 or 1:N, fingerprint only, ID number + fingerprint, ID number+ code, card + fingerprint
Identification time	:	≤2S
FAR	:	≤0.0001%
FRR	:	≤1%

Access control function	:	50 time zones, 5 groups, 10 open door combination, support multi-users enter, 10A/12VDC relay switching value or output voltage
Alarm function	:	Can give alarm when destroying it, illegally open door, threatened by hijackers, and output touch off alarm signals, circumscribed alarm, alarm lamp, alarm lamp or alarm host computer, Wiegand In and Wiegand Out.
Hardware	:	ZEM500
Communications	:	TCP/IP or RS 232/485
Function keys	:	4 Function keys
Display, voice and keyboard	:	Four lines blue LCD, double color LED indicator light, multi-language
Power supply parameter	:	12V DC, watchful waiting current<50 mA, working current<400mA
Sensor	:	ZK sensor
Operating environment	:	Temperature 0° C – 45° C , humidity 20%-80%
Language	:	Multi-language version
U disk	:	128M
Size	:	150 x 145 x 40 mm
Standard	:	Web server, Wireless Doorbell, Short message
Optional	:	ID/HID/Mifare card, Work code, WIFI, GPRS, RIS, Antipas-back

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