ZK – ZK8000

Fingerprint Reader

Product Introduction

ZK8000 is a fingerprint and card issuer product developed by ZKSoftware Inc. It is able to collect fingerprint image and convey the digital fingerprint template to PC, supporting ZK Finger SDK development kit. The collected fingerprint image is 500 dpi. The surface of ZK8000 fingerprint sensor adopts hard optical material and patented protective membrane, ZK8000 is an ideal fingerprint enrollment device with good verification performance. Built-in Mifare card read-write module enables fingerprint template and digital data deriving from PC be written into Mifare card, which eliminates the trouble of issuing card from single time attendance device or access control device. ZK8000 fingerprint and card issuer will lead the application revolution of consumption product and will be used in many traditional membership consumption places such as large shopping stores and department store, exclusive club, and canteens of school or government. This product will be also widely used social insurance, public security, time attendance, fingerprint encryption, embedded system and other many fields of application.

Quick Facts

- Integration of fingerprint collection and Mifare card store function
- Excellent image quality: 500 dpi
- Support fingerprint 360 degree rotation
- Good performance for dry or rough finger
- Support ZK Finger SDK Kit
- Driver is available in Windows 2000/2003/XP/Vista
- 8 bit gray scale
- Compatible with USB1.0 / 1.1/ 2.0

Technical Specification

Built-in Mifare one(13.56 MHz) read-write module		
Fingerprint sensor	:	ZK Optical Sensor with strengthen film
Resolution	:	500DPI

Image size	:	15.4mm X 18.0mm
Interface	:	USB1.1, compatible with USB1.0,1.1,2.0 full speed
Registration speed	:	<0.5 sec
Operating Temperature	:	0° - 40° C
Operating Humidity	:	20% - 80%
Operating System	:	Windows2000, 2003,XP,Vista
USB cable length	:	150 CM
Dimension (L*W*H)	:	124.5mm X 102mm X 34mm
Power Supply	:	5.0V +/- 0.25V (USB interface power)
Current	:	Capture fingerprint: max 100 mA
Idle mode	:	max 30 mA
Suspend mode	:	<0.5 mA