ZK4500

USB Fingerprint Scanner

Unique design
Powerful performance

Overview

ZK4500 is a stable and excellent fingerprint scanner. The device can capture fingerprint image and upload to the PC by USB interface. It supports Windows 2000/XP/2003/Vista/7(32/64bit) and Linux OS. We provide developer with SDK. The developer can integrate the hardware into their own system. This product is widely used in social insurance, public security, time attendance, fingerprint encryption, embedded system and other fields of application.

Features

- High-performance, maintenance-free optical fingerprint sensor.
- Readily accessible for any finger
- High quality industrial-class ABS plastic material with scratchproof texture surface treatment
- Removable weighted stand
- High speed USB interface
- LED indicates the status of the device
- Driver CD included
- Available SDK for secondary development

Specifications

Model Name	ZK4500
Material	Optical
CPU	120MHz DSP
Flash	16 KB
SoC	RTOS
Image Quality	0.3 million pixels CMOS
Encrypted Fingerprint Data	NA
Sunlight Operation	White filed, General Sunlight
Water Splash	YES
Dry, Wet, or Rough Fingerprints	General Level
Power Consumption	5V:200mA Scanning; 5V:90mA idle (waiting for finger)
Live Fingerprint Detection	NO
LED	Green
Product Certifications	FCC, CE
Power Voltage	5V (USB)
Power Current	200mA
Communication	USB 2.0 / USB1.1 / USB1.0
Interface Socket	USB Type A
Image Resolution	500 dpi
Effective Collecting Area	13.24 * 15.7 mm
Collecting Area	15.4*18 mm
Image Size	280*360 pixel
Dimension	65.5 * 48 * 79.8mm (L*W*H)
Image Format	BMP
Template	ZKFinger V10
Template Size	<2KB, (ZKFinger V10.0);1568 B (ISO 19794-2)
Gray Level	256
Weight	0.25kg
Operating Environment	-20 ℃ ~ +50 ℃; 90% r.h.