

# ZK9500

## USB Fingerprint Scanner

Perfect design and powerful performance with SLKID technology



## Overview

ZK9500 is a leading fingerprint scanner designed by ZKTeco USA laboratory which adopts the advanced optical design. It has a superior ability to do live fingerprint detection and capture high-quality fingerprint images by 2 Megapixel image. It can be the most comfortable and affordable desktop enrollment and identification device.

## Features

- Stable operation under strong light
- Support live fingerprint detection function
- Large fingerprint capture area and high image performance
- Quick recognition of dry, wet and rough fingerprints
- High Speed USB 2.0
- Low Power Idle Mode
- Available SDK for development

# Specifications

Model Name	ZK9500
Material	optical
CPU	280MHz DSP
Flash	32 MB
SoC	RTOS [image out only]
Image Quality	2 million pixels CMOS
Encrypted Fingerprint Data	YES
Sunlight Operation	Must, dark field and automatic gain/exposure
Water Splash	No damage and normal operation is ensured
Dry, Wet, or Rough Fingerprints	Work well
Power Consumption	5V:200mA scanning;5V:60mA idle(waiting for finger)
Live Fingerprint Detection	YES
LED	White
Product Certifications	FCC, CE, RoHS
Power Voltage	5V
Power Current	200mA
Communication	USB 2.0/USB1.1
Interface Socket	USB Type A
Image Resolution	500~1000 dpi
Effective Collecting Area	15.24 * 20.32 mm (FAP20)
Collecting Area	16.5 * 23 mm
Image Size	300 * 400 pixel(FAP20 )
Dimension	75 * 51 * 19.5mm(L*W*H)
Image Format	RAW,BMP,JPG
Template	ZKFinger V10.0
Gray Level	256
Operating Environment	-20 °C ~ +50 °C; 90% r.h.

