Bio30R

High-performance Electro Silicon Fingerprint Scanner

The Bio30R biological fingerprint reader is a small and portable semiconductor fingerprint scanner developed by ZKTeco.

It uses the ARM9 processor and international semiconductor fingerprint sensor. It has the characteristics of fast fingerprint data acquisition speed and excellent image quality.

It even supports scanning of dry, damp, and rough finger skin and provides a good image quality.

Features

• Standard high-precision fingerprint recognition technology and optimized image processing.
• Supports low false accept rate, high recognition rate, and rotated fingerprint.
• Adopts international top semiconductor sensors, precise imaging, and fast acquisition speed.
• Good imaging quality of dry / damp / rough finger skin suitable for a wide range of people.
• Drive free fingerprint scanner, not required to install a driver; plug and play.
• Supports Windows, Android, Linux, and other Operating System development.

Specifications

Sensor Type	Semiconductor
Resolution	508DPI
Aberration Rate	<1%
Gray Scale	256 gray
Collecting Area	18.0 * 12.8 mm / 0.709 * 0.504 inch
Effective Collecting Area	18.0 * 12.8 mm / 0.709 * 0.504 inch
Image Size	256 * 360 pixels

Interface	USB2.0 / USB1.1
Operating Temperature	-10℃ ~ 50℃ / 14℉ ~ 122℉
Humidity	0% ~ 93% RH
Dimension (L*W*H)	83 * 50 * 20 mm / 3.268 * 1.969 * 0.787 inch
Supply Voltage	5.0 ± 0.25V
Power Current	≤150mA (Active) / 80mA (Standby)
Antistatic Property	≥15KV
Template Size	About 90KB
Data Rate	<6ms
Certification	FCC, CE, RoHS
OS Supports	Windows XP / 2000 / 2000 server / Vista / 7 / 8 / 10 Linux Android

Dimension (mm)