

SR200

DataSheet v1.0



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Contents

| | |
|--------------------------------|---|
| 1. Overview | 3 |
| 2. Features | 3 |
| 3. Applications..... | 3 |
| 4. Specifications..... | 4 |
| 4.1 System Specifications..... | 4 |
| 4.2 Mechanical dimension..... | 4 |

1. Overview

SR200 is a high performance USB fingerprint scanner for fingerprint authentication in desktop or network security. The 500 dpi optical fingerprint sensor inside SR200 has an extremely durable and scratch resistant sensor surface. SR200 has no wear mechanism and free from damage from electrostatic discharge (ESD).

SR200 is supported by Wison SDK containing world's leading fingerprint authentication algorithm(ranked No. 1 in FVC2004 and FVC2006). Owing to excellent performance of the algorithm and reliable fingerprint imaging, it provides outstanding authentication results when used together with the Wison SDK.

Based on E-Field (AC-Capacitance) measurement between the sensor electrode matrix and the living layer under the skin, EgisTec's sensor is virtually immune from attacking of fake finger.

2. Features

- Reliable image quality of 500 DPI
- Standard USB interface support
- Windows 98SE/ ME/ 2000/ XP/ 7, Vista, Linux Support
- Outstanding authentication performance combined with Wison SDK

3. Applications

- PC/Network security
- E-commerce
- Groupware
- Time and attendance system
- Smartcard application
- Health and medical

4. Specifications

4.1. System Specifications

| | |
|------------------------|---|
| Sensor technology | Built-in sliding |
| Image size(pixels) | 192 x 16 |
| Image resolution | 500 dpi |
| Finger verifying speed | <0.1s |
| Capture rate | 488fps |
| Interface | USB 2.0 port, compatible with USB1.1, bearing more than 1 million times of finger sliding |
| Operating temperature | -25 °C ~ 85 °C |
| Supported OS | Windows 98SE/ ME/ 2000/ XP/ 7, Vista, Linux |

4.2. Mechanical dimension

| | |
|--------------|-------------|
| Dimension | 50*30*15mm |
| Cable length | 540 ± 50 mm |
| Weight | 105g |

