UniFinger SFR300-S

Datasheet

Ver. 1.0

Revision History

Rev No.	Issued date	Description
1.0	Nov. 24, 2005	Initial Release

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1.   Overview

SFR300-S is a high performance USB fingerprint scanner for fingerprint authentication in desktop or network security. The 500 dpi optical fingerprint sensor inside SFR300-S has an extremely durable and scratch resistant sensor surface. SFR300-S has no wear mechanism and free from damage from electrostatic discharge (ESD).

SFR300-S is supported by UniFinger Engine SDK containing world's leading fingerprint authentication algorithm(ranked No. 1 in FVC2004). Owing to excellent performance of the algorithm and reliable fingerprint imaging, it provides outstanding authentication results when used together with the UniFinger Engine SDK.

2.   Features

- Reliable image quality of 500 DPI
- Hard and strong sensor surface
- Standard USB interface support
- Plug and play installation
- Windows 98SE, ME, 2000, XP Support
- Outstanding authentication performance combined with UniFinger Engine SDK

3.   Applications

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

4.   Specifications

4.1.   System Specifications

Sensor technology	Optical
Sensing area	16mm x 18mm
Image size(pixels)	280 x 320
Image resolution	500 dpi, 8 bit gray scale
Interface	USB 1.1 Full Speed
Operating temperature	0 °C ~ 40 °C
Standard compliance	FCC, CE, MIC
ESD resistance	> 15 kV
Supported OS	MS Windows 98SE/ME/2000/XP

4.2.   Mechanical dimension

Dimension	40 x 77 x 70.5 mm (W x L x H)
Cable length	1600 ± 50 mm

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