

FINGERPRINT SENSOR

SAVIOR FS 100



SAVIOR[®]
ACCESS & ATTENDANCE



SAVIOR FS 100 Fingerprint Sensor

SALIENT FEATURES

Salient Features

- Ideal for Biometric Identification and Verification.
- USB fingerprint device for highly secure PC applications
- Ability to both verify (1:1) and identify (1:N) people on a database of 500 records, with 2 biometric templates each.
- Verification or identification takes less than one second.
- Advanced embedded software for 1:1 verification and 1:N identification
- Offers local matching on the terminal or remote matching on a host server.
- The host system provides security by encrypting data and checking data integrity

TECHNICAL SPECIFICATIONS

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| ● Thin optical sensor | ● Fully operating, sensor off: 100mA max @ 5V |
| ● 500 dpi @ 8bit per pixel | ● Fully operating, sensor on: 300mA max @ 5V |
| ● Active area: 13mm x 20mm | ● 1:1 and 1:N search |
| ● Powered by an ARM9™ family CPU core | ● Verification time < 0.8s |
| ● Operating temperature: -10°C to +50°C | ● Identification time < 1s |
| ● Windows 2000, XP platforms, 2003 server and VISTA. | ● Tunable false acceptance rate |
| ● Customized solutions on Linux platforms. | ● Connector - 0.7 meters USB cable |
| ● Storage capacity: 500 records, 2 templates each | ● L=74; W=40; H=17mm |
| ● Interface: USB 1.1 and 2.0 | ● Weight: 60g |

Why SAVIOR

- SAVIOR is one of the Indian Reader companies which has In House Design, Development and Manufacturing capability on Contactless Smart Card Readers, Contact Smart Card Reader, Fingerprint Technology 1:1 on card and reader, Fingerprint 1:N on reader, Fingerprint 1:N on computer database and Identification based Application Softwares. Hence the company has capability to handle different permutations and combinations of Contact Smartcard, Contactless Smartcard and Fingerprint technologies.
- Leader in the field of Attendance in India with over 24 years of experience and having very large presence in all customer segments.
- The company has stationed own engineers in 28 Indian cities for providing support for all applications, all over India.
- Being an Indian Reader manufacturer company, it understands the practical reader and support issues of India better than others. Hence solutions are India specific.
- Has more than 5000 Customers using SAVIOR Readers of different Technologies.
- In house development of Readers technologies, Card personalization softwares, Application database softwares. This enables you to have a dependable, predictable and monitorable and time bound implementation of your Smart Card or Fingerprint Applications.
- The user interface in Fingerprint Reader is much higher than other Reader Technologies as the user has to place the finger on the Fingerprint Sensor. Success or failure depends on the understanding of the Indian user. SAVIOR is offering own manufactured Readers as per International Standards.
- Customer can mix and match with various SAVIOR readers to get the right solution at the optimum price -- and above all, to be sure of support.

The sensor used in FS 100 is protected from dust and water and is rated for IP 65 protection. Any ingress of water and dust by breakage of IP 65 protection is not covered under warranty policy. Breakages, liquid spillage, optics scratching, misalignment from dropping and wrong application are not covered under warranty policy of STJ Electronics Pvt. Ltd. New Delhi, INDIA.

Manufactured by:



STJ ELECTRONICS PVT. LTD.

Regd. Office & Works: X-51, Okhla Industrial Area, Phase-2, New Delhi-110 020.

Ph.: +91-11-49816000 Fax: +91-11-4161 6300

Email: sales@saviorstj.com Web: www.saviorstj.com



BS EN ISO 9001:2008
Certificate No.: FM 80372

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