Futronic's FS88HS USB2.0 PIV Fingerprint Smart Card Reader

Major features and benefit:

The Futronic FS88HS Fingerprint Smart Card Reader combines Futronic's FS88H USB2.0 PIV Fingerprint Scanner and ISO7816 smart card reader into one device. FS88H is certified by the USA FBI and in compliance with the FBI's Next Generation Identification (NGI) Image Quality Specifications (IQS). It meets the single finger PIV-071006 standard.

FS88HS has exactly all features of FS88H. It can be used as purely fingerprint scanner with all Futronic's standard software. The smart card reader in FS88HS can handle any ISO7816 compatible smart card. So that it can also be used as a standalone smart card reader.

And fingerprint scanner and smart card reader can be combined to do two-factor authentication. That is, registered fingerprint is can be stored on smart card (carried by user) which is read into PC to match with a freshly captured fingerprint from fingerprint scanner at the time of authentication. This can be achieved by using Futronic's Fingerprint Recognition Software Development Kit (SDK).

Specification-general
- USB 2.0 compatible, plug and play device
- With a 2M standard USB cable
- Small size, 65 x 94 x 49 mm
- Light weight, 210 gram
- Operation temperature: -10 to +55 Degree Celsius

Specification-Fingerprint scanner
- Fingerprint scanning window size is 16.26x24.38mm
- Image resolution is 320x480 pixel, 500 DPI
- Raw fingerprint image file size is 150K byte
- With Live Finger Detection (LFD) feature
- Unique serial number programmed to USB Device Descriptor
- With 16K Byte memory for application-specific data storage

Specification-Smart card reader
- AB Circle CIC115 Reader Chip
- Full speed interface to PC with simple command structure
- Supports SLE4418/28/32/42 memory cards
- Compliance/Certifications: ISO7816, PC/SC, EMV 2000 Level1
- Support PPS (Protocol and Parameters Selection) with 2.343-826kbps in reading and writing smart cards

Futronic Technology Company Limited.
Rm1016A, Profit Industrial Bldg. 1-15,
Kwai Fung St. Kwai Fong, Hong Kong

Tel:852-24087705 Fax:852-24082572

www.futronic-tech.com
inquiry@futronic-tech.com

April 2024