Futronic's FS82 USB2.0 Fingerprint Smart Card Reader

Major features and benefit:

The Futronic FS82 Fingerprint Smart Reader combines <u>Futronic's FS80 USB2.0 Fingerprint Scanner</u> and an ISO7816 smart card reader into one device.

FS82 has exactly all features of FS80. So it can be used as purely fingerprint scanner with all Futronic's standard software. The smart card reader in FS82 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 <u>Futronic's Fingerprint Recognition Software Development Kit(SDK).</u>

Specification-Fingerprint scanner
➢ Fingerprint scanning window size is 16x24mm
➢ Image resolution is 480x320 pixel, 500 DPI
➢ Raw fingerprint image file size is 150K byte
➢ With Live Finger Detection (LFD) feature

Specification-Smart card reader
➢ Compliant with ISO 7816 and EMV 2000
➢ High speed smart card interface, up to 119 Kbps if it is supported by card
➢ Supports 5V, 3V and 1,8V smart cards
➢ Supply 60 mA to the smart card
➢ Detect smart card type automatically
➢ 8 pin handling (C4/C8 supported)
➢ Secure Pin Entry (SPE)
➢ Two colors LED for smart card reader status indication

Specification-general
➢ USB 2.0 compatible interface, plug and play device
➢ With a 2M standard USB cable
➢ Small size, 50 x 73 x 35 mm
➢ Light weight, 160 gram
➢ Operation temperature: -10 to +55 Degree Celsius

System requirements
➢ MS Windows 2000 and Windows XP
➢ 200MHz or higher Pentium processor
➢ 128MB RAM minimum
➢ USB port and CDROM drive