

USB interface inner-layer fingerprint reader

# S1 (SX-Biometrics Suite™ with S1)

Fingerprint analysis and matching technology



Biometrics authentication seems convenient, but can everyone use it?

Are you looking for reliability?

silex technology now has the solution for you.

We've used our biometric expertise gained through years of experience to develop a new fingerprint reader with RF swipe sensor technology.

The new fingerprint reader will enable 100% usability. Those users who in the past have had a difficult time using fingerprint readers, will be able to easily use the silex S1.

## Features and Benefits

### Superior performance

Skin damage, dirt, dry-finger, and other unfavorable conditions can make surface-level fingerprint patterns unreadable. silex S1 reads below the surface level at the corium where the fingerprint pattern remains consistent.

### Compatible with other silex fingerprint readers

The S1 swipe sensor is fully compatible with all silex fingerprint readers. Any silex fingerprint reader can be used without having to re-register fingerprints.

### High level of anti-spoofing

The unique sensor technology used by the S1 simply will not read gummy fingers or other methods used to spoof fingerprint readers.

### Compact and mobile

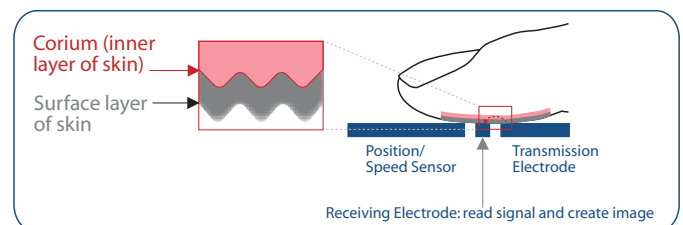
The simple, sleek design of the S1 is suited for any PC desktop or laptop. By making the USB cable detachable, the standard cable can be replaced based on the reader's proximity to the computer.

## S1 Technical Specifications

|                     |   |
|---------------------|---|
| Sensor type         | RF type inner laryer / swipe sensor                         |
| Sensor area         | W:12mm*L:18.5   |
| Resolution          | 508dpi  |
| Interface           | USB 2.0 Full Speed*   |
| Power consumption   | Less than 100mA   |
| Operating condition | Temperature: 5-55 °C, Humidity: Max 85%RH (non-condensing)  |
| Storage condition   | Temperature: 20-60 °C, Humidity: Max 85%RH (non-condensing) |
| Dimensions          | 80mm(L) X 40mm(W) X 9.5mm(H) - without rubber feet          |
| Cable length        | 1.5m (desorption/A to Mini-B type)                          |
| Weight              | Approx. 60g without cable                                   |
| Regulatory approval | VCCI Class-B, FCC Class-B, CE                               |

## SX-Biometrics Suite Specifications

|                           |                               |
|---------------------------|-------------------------------|
| Supported OS              | Windows 2000, Windows XP      |
| Max. registerable users   | 32 users                      |
| Max. registerable fingers | 5 fingers / 1 user            |
| Authentication method     | Minutae-matching verification |
| Minutae data storage area | PC hard drive                 |



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