

BioPrint® USB Portable & Peripheral Solutions

Design and develop high-performance, secure device access solutions using the leading biometric authentication technology

BioPrint® Flash Drive and BioPrint® Hard Drive > On-the-go convenient and secure access to data and applications

Meet the growing demand for biometrically secure devices and speed the time to market for solutions that protect against data loss, theft, or inappropriate access. The BioPrint® Flash Drive and the BioPrint® mini hard-disk drive are based on Symwave's advanced BioPrint® SW6888 fingerprint authentication technology, which allows these innovative portable storage devices to provide secure mobile access to enterprise and consumer applications. They also protect against loss of sensitive data and promote compliance with enterprise regulatory efforts.



Features

- Plug-and-play portable USB storage devices with Symwave's biometric sensor
- No additional drivers or software installation required
- Auto-runs upon plug-in to host PC
- Rapid ODM-OEM go-to-market model
- Fast time-to-market with easy customization of software and devices
- Access data and applications with the swipe of a finger
- Integrate third-party consumer and enterprise applications

BioPrint® PC Peripheral Devices > Fingerprint Reader, Keyboard & Mouse

The BioPrint® PC peripheral devices prevent access to unauthorized users and eliminate the need to memorize passwords, reducing downtime and lowering password administration costs.

The BioPrint® PC peripheral devices provide:

- Convenient and secure access to Windows PCs with the swipe of a finger
- Password Manager for login to favorite web sites; no need to manually enter passwords to web sites
- File encryption on host PC
- A secure partition on the hard drive of your PC not accessible unless authenticated by the BioPrint® device
- Time-to-market advantages for developers of highly secure next-generation products and applications
- OEMs can brand BioPrint® Devices with own look and feel



BioPrint® Software Development Kit (SDK)

Go directly to market with complete biometric authentication hardware and software solutions leveraging the BioPrint® Software Development Kit (SDK).

Use the BioPrint® SDK to design and develop convenient and versatile solutions with highly secure and reliable performance:

- PC log-in
- Secure enterprise access
- Digital rights management
- Remote log-in
- Medical records management
- Biometric parental control



Biometrically Secure 3rd Party Applications

Symwave's BioPrint® technology offers biometric authentication to consumer and enterprise applications on portable USB devices. BioPrint® enables convenient and secure access to portable applications on-the-go, without the laptop hassle: valuable logons, passwords, web links, documents, image files and their corresponding applications. Example applications include MIGO (desktop-email synchronization), Thunderbird (email client), AbiWord (document editor), GIMP (Image editor) and many more. IT managers prefer BioPrint® for enhancing data security and promoting secure access for applications such as: Citrix ICA client.

Specifications > Fingerprint Sensor: Symwave SW6888 Swipe Sensor

Field size: 192 x 16 pixels	Resolution: 500+ DPI resolution
Sensor size: 19mm x 6mm x 1.27mm	Durability: >1 Million swipes
Capture speed: 488fps	ESD: >15KV
Operating current: <8mA	Identification time: <0.1s
Operating temperature: Temp 25° C to 85° C	Humidity: 30%–90% @ 25° C

BioPrint® SW6888 Technology

Symwave's high-performance SW6888 swipe sensor technology is unique in the industry for utilizing the leading matching algorithm for consumer & enterprise applications. It combines proprietary sensing technology with a ruggedized, small form-factor design and advanced software for a complete fingerprint identification solution.

- Ultra-hard surface coating
- Highly durable
- Small package
- High image-rate capture
- Integrated design
- Low cost
- Image binarization
- Low level scrambling of fingerprint templates



Capture. Connect. Compute.

Symwave, Inc. U.S.A.

10251 Vista Sorrento Parkway #100
San Diego, CA 92121
Phone: 858-450-2840 | Fax: 858-453-1797

Please contact us for more information
info@symwave.com.

Symwave, Inc., founded in 2001, is a fabless semiconductor company that designs, develops and markets high-performance analog/mixed-signal integrated circuit (IC) and system solutions. Symwave's IC solutions support its core mission to enable CAPTURE, CONNECT, COMPUTE™ functionality on all consumer PC, CE and mobile devices.

© 2006 Symwave, Inc. All rights reserved. BioPrint is a registered trademark and CAPTURE, CONNECT, COMPUTE is a trademark of Symwave, Inc. All other trademarks are the property of their respective owners. All specifications are subject to change without notice.