HID®

ActivID®
ActivKey® SIM

SMART CARD SECURITY IN A SMALL, PORTABLE FORM FACTOR

- **Smart and secure authenticators** – Allow your employees and mobile workforce secure access to data and cloud, using strong authentication in a mobile device.

- **Reduce total cost of ownership / increase convenience** – ActivID® ActivKey® SIM from HID Global® combines the security of a smart card with a built-in USB reader.

- **Integrated end to end solution** – ActivKey SIM is fully interoperable with other HID Global® authentication solutions, delivering an out-of-the-box experience.

HID Global's ActivID ActivKey SIM provides strong security in an easy-to-use, portable form factor with the same two-factor authentication, digital signature and encryption capabilities as a smart card.

Additionally, because of the convenient USB interface, workstations and laptops do not require an additional reader. ActivKey SIM directly connects through the USB interface, saving IT organizations time and money. Users simply plug the device into an available USB port to enable strong authentication for workstation network access, remote and application access, as well as secure transactions.

The ActivKey SIM works together with HID Global's ActivID® Credential Management System (CMS), ActivID ActivClient®, and 4TRESS™ AAA server for a complete two-factor authentication solution to enterprise networks, data, and applications.

ActivKey SIM complements your security initiatives by storing one-time passwords and PKI credentials from any Certificate Authority (CA) (e.g., IdenTrust®, Entrust®, Verisign®, Microsoft®). In addition, the generation of private and public keys can be managed on a single device so that keys don't have to be exported from the smart card.

ActivKey SIM's USB token form-factor enables users to switch between different workstations, and requires no external readers. Users can also change their own PINs, or download and delete certificates through ActivID ActivClient or through the ActivID CMS self-service web portal.

Finally, in combination with the ActivID software solution, users can lock their workstations simply by removing the device.

Benefits

- **Reduce cost** – Eliminate multiple forms of identification and consolidate administration.

- **Easy to deploy** – IT organizations can deploy a single device, replacing a USB reader and a smart card.

- **High-capacity, high-performance smart card** - Support credentials for the most demanding applications (PKI digital certificates, digital signature and encryption services, and one-time password authentication services).

ADDITIONAL PRODUCT FEATURES:

- Smart card reader architecture: PC/SC, CCID drivers, ISO 7816 interface with T0 and T1 protocols.

- USB 2.0 (high speed, full speed, low speed). Connector type A.

- Multi-color LED
  - RED: device is connected to the host
  - GREEN: smart card interface is activated
  - Blinking (green/orange): device is communicating with the SIM card

Base SIM Card configuration:
HID Crescendo C1100 or C1150 series

- 80 K-Bytes secure memory

- Integrates co-processor for cryptographic calculations (AES, RSA, Triple DES) with symmetric and asymmetric keys.

- Support JavaCard 2.2.2 and Global 2.1.1 specifications

- C1150 loaded with an electrical profile (card application and objects) that supports PKI keys with configurable key size as well as X.509 certificates. Global PIN management as well as card unlock feature.

- Compatible with all SIM ID-000 cards

SPECIFICATIONS

Base Model Number	BKS800P100: ActivKey SIM with Crescendo C1100 card BKS806P100: ActivKey SIM with Crescendo C1150 card
Dimensions	2.81" x 0.79" x 0.35" - (71.3mm x 20mm x 8.8)
Weight	0.36 oz. - (12g)
Power supply	Bus powered
Housing protection class	IP67
Operating temperature	32 to 131°F (0 to 55 °C)
Operating humidity	85% rH non condensing
HOST INTERFACE	
Host Interface	USB 2.0 CCID1 (also compliant with USB 1.1)
Transmission speed	12 Mbps (USB 2.0 full speed)
SMART CARD INTERFACE	
Protocols	ISO 7816 T=0, T=1
Card Size	ID-000 (SIM-size)
Product Compatibility	ActivID Credential Management System (CMS) 4.2 SP2 and above ActivID ActivClient 6.2 - 4TRESS AAA Server 6.7 and above
Security Compliancy	Depending on the embedded SIM card, the product can provide Common Criteria EAL 5+ certified smart card chip For US government: FIPS 201 compatible with NIST CIV FIPS 140-2 level2 2 or 3
PC/SC Driver Support	Microsoft Windows® XP/Vista/7/8/8.1/2012 and Mac OS 10.9 Linux (Red Hat Enterprise Linux 5.5 Desktop, Ubuntu 1204, SUSE Linux Enterprise Desktop 11, Slack Ware 14.0)
Colors	Dark-Grey
Options	Customer-specific logo and colors: available upon request
Immunity	4KV contact discharges – 8KV air discharges
Compliance/Certification	Microsoft WHQL2, ISO 7816 CCID, USB 2.0(USB1.1 compatible)
Safety/Environmental	CE, FCC, UL, RoHS, WEEE
Warranty	One-year manufacturer's warranty

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