gemalto

security to be free

PRODUCT BRIEF

SafeNet Reader K1100

The way people connect, communicate and work is changing as rapidly as the technology that drives it. By 2020, 1.2 billion tablets will be in use and smartphones will be in the hands of 70% of the global population. The world's population increasingly demands connectivity with a multitude of different devices including mobile, laptops and desktops. But security can't be sacrificed for convenience, and PKI is one of the most trusted security frameworks. Gemalto's Bluetooth solutions meet the demands of any device access, backed by the security of PKI using a single credential.

Bluetooth is the connectivity channel implemented across different endpoints, so it is able to authenticate on any device. The K1100 is a lightweight, smart card-enabled Bluetooth token. It has one-click simple and secure AES encrypted pairing and carries a replaceable smart card in SIM form factor. The token's compact size (LWH 69x22x8mm) allows it to be placed on a key ring for convenient and easy transport. The token has more than three months standby battery life, more than 15 working days in standard use case and charges through a USB port.

Benefits of Gemalto Bluetooth Smart Devices

> Enhanced battery usage time —the low consumption of the BT 4.0 standard, combined with the Gemalto smart power management protocol, Bluetooth Smart devices will last 10 times longer between charges (compared to previous Bluetooth versions)

> Secure pairing—Gemalto's managed pairing provides secure, quick and easy connection with devices

> Secure communication—the security protocol of Gemalto's Bluetooth products were built to overcome all known security issues related to the Bluetooth protocol

> Multi-host and auto log on/off capabilities

Supported Use Cases

> Secure remote access (VPN/ Web)
> Digital signature
> Network logon
> Strong two-factor authentication
> Email encryption

Technical Specifications

Host interface	Bluetooth Low Energy 4.0 and USB2.0
Operating Systems	Android, iOS, Windows 7, 8 and 10, Mac OS
Supported smart cards	ID0, ISO7816-1/2/3/4, T=0 and T=1 protocols, PPS, up to 500Kbs
Smart card electrical interface	class B, short circuit protection, card insertion/extraction detection
Battery charge duration	more than 3 weeks in standard corporate use case
Human interface	2 LEDs (battery and Bluetooth activity), 1 button to manage the different modes
Operating temperature	0°C/+50°C
Storage optimal conditions:	15°C - 30°C and 90% humidity max
Environmental and security	RoHS, REACH, WEEE marking, CE, UL, FCC
Dimensions	69mm x 22mm x 8mm
Weight	15 grs

Why Gemalto

Gemalto's Identity Protection solutions enable enterprises, financial organizations and service providers to protect the daily digital interactions of employees, partners and customers by ensuring secure access to online resources and securing financial transactions. Gemalto's flexible management platforms and broad range of strong authentication technologies and form factors, allow organizations to adopt a forward-looking identity management strategy, ensuring that their security needs are met as new threats and use cases evolve.

To learn more about Gemalto's complete portfolio of authentication solutions, visit our website at www.gemalto.com/identity.

Contact Us: For all office locations and contact information, please visit www.safenet-inc.com

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