

SMART's Flash Products USB Memory Key

MEMORY • FLASH • STORAGE • DISPLAYS • EMBEDDED

USB-IF Hi-Speed 2.0 Memory Key

SMART Modular Technologies' line of USB-IF Hi-Speed 2.0 Memory Keys brings the power of data portability to mobile computing. Providing low power, high capacity mass storage in a small form factor. The industrial-grade USB Memory Key acts like a hard drive, but has the speed and transportability of a solid-state device

SMART's USB Memory Key products offer a high performance data storage solutions in a compact and convenient ultrasonically welded housing. With an integrated controller chip and special proprietary space-management architecture to maximize read/write operations, the USB Memory Key eliminates the firmware delays associated with sector read and write functions found in first generation memory devices.

USB Memory Key Specifications:

- USB specification v2.0 High speed compliant
- USB bulk storage support
- USB class definition for bootability support
- Firmware upgradeable via USB bus
- Capacity range 128MB to 8GB
- Industrial grade temp range 0°C to 70°
- Low power dissipation (<500uA in standby)
- Auto speed mode
- OS support
 - Win 2K, ME, XP and 98SE*
*Only with additional driver
 - Mac OS X, Mac OS 8.6 or higher
 - Linux
- Worldwide regulatory approval
- USB-IF and MSWHQL Product Certifications



Ordering Information

SMART Part Number	Chip Density	Physical Capacity
SG9FLAMK128T1E1	1Gb	128MB
SG9FLAMK128T5E2	512Mb	128MB
SG9FLAMK256T2E1	2Gb	256MB
SG9FLAMK256T1E2	1Gb	256MB
SG9FLAMK512T2E2	2Gb	512MB
SG9FLAMK1GT9E1	8Gb	1GB
SG9FLAMK1GT4E2	4Gb	1GB
SG9FLAMK2GTAE1	16Gb	2GB
SG9FLAMK2GT9E2	8Gb	2GB
SG9FLAMK4GTAE2	16Gb	4GB
SG9FLAMK8GTBE2	32Gb	8GB

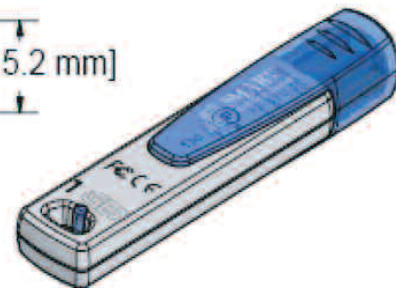
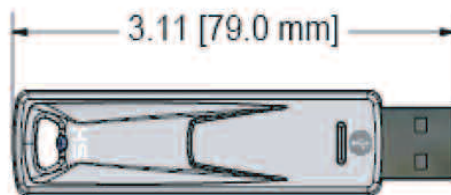
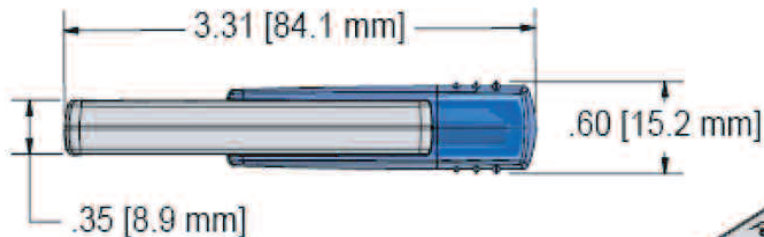
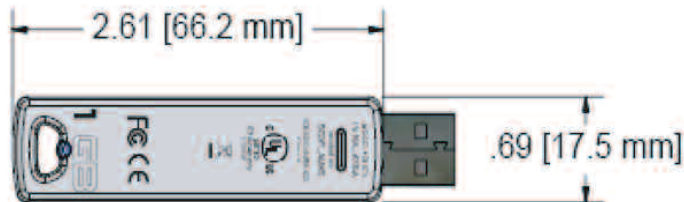
Product Certifications



MS WHQL



USB Memory Key Diagrams



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