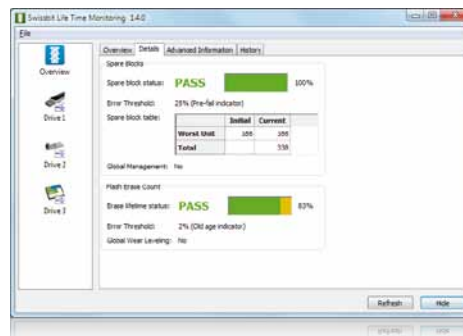swissbit®

SECURITY AND MONITORING FEATURES

Security & Monitoring Features designed for Industrial Flash Products together with Application and Programming Libraries (API/DLL).
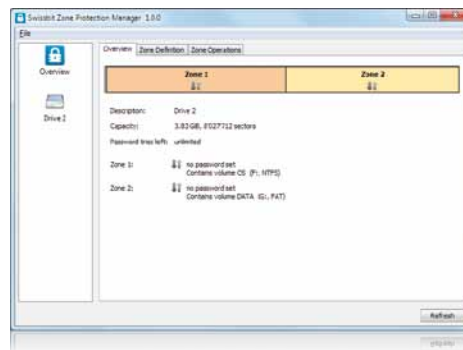
Life Time Monitoring (LTM)

The Swissbit LifeTimeMonitoring (SBLTM) feature enables users to access the devices detailed life time status and allows predicting imminent failure and thus avoiding unexpected data loss. This feature uses an extended S.M.A.R.T. (Self-Monitoring, Analysis and Reporting Technology) interface or vendor specific commands to retrieve the Flash product information.
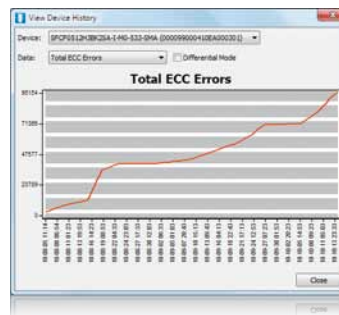
ZONE PROTECTION

The device allows configuring multiple zones with either no protection, write protection or access protected settings. Each zone is secured with a separate password. A Windows tool or a programming library is available, the latter allowing easy integration of the Swissbit ZoneProtection functionality into customer applications.

FAST ERASE

This feature uses an uninterruptable sequence of single block erase commands for fastest possible destruction of user data. Even a power-off cannot stop the process which will continue after power restoration.

	Power Fail Protection	Security	Controlled BOM
SD / MMC CARDS			
S-300U	○	○	○
S-200U	●	○	○
S-200/220	●	○	○
M-100	●	○	○
COMPACTFLASH™ CARDS			
C-300	●	○	○
C-320	●	◐	◐
C-400	●	◐	◐
SSD 2.5" PATA & SATA			
P-120	●	◐	◐
X-200	●	○	○
SATA SSD & CFAST™ CARDS			
X-200M	●	○	○
X-200S	●	○	○
F-100	●	○	○
F-200	●	◐	◐
USB FLASH STORAGE			
miniTWIST II	●	○	○
unitedCONTRAST II	●	○	○
USB FLASH MODULE U-110	●	○	○

● default implemented; ◐ on request; ○ not available;

Version 1.0

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