

## [hiddn]<sup>TM</sup> SA Plug&Protect

Universal adapter for full-disk encryption of any SATA-drive  
 “Plug & Protect” protection of the office environment!



“**Plug & Protect**”; Install and authenticate for full-disk encryption of office copiers, multi-functional printers, scanners and workstations! The [hiddn]<sup>TM</sup> SATA Adapter sits between the processing unit and the storage media providing real-time and transparent full-disk encryption, with all keys stored on the separate smart card for added protection. No longer place organisational or customer data at risk – fully encrypt all critical infrastructure and prevent unauthorized disclosure of sensitive data!

### Product specifications:

- Low total cost of ownership
  - No licensing fees, no maintenance costs, no need for user training, unnecessary upgrades or services and zero end-of-life disposal cost
- Patented encryption technology (US Patent, etc.)
- No encryption keys are stored on the storage media, all keys stored on the smart card
  - Random generated smart cards included (User card and Back-up card) with the AES256 encryption keys
  - New smart card sets can be ordered – previous data will be lost (back-up to be taken before change)
- Without the physical smart card present, the fully encrypted storage media is inaccessible
- The [hiddn]<sup>TM</sup> SATA Adapter is based on the FIPS validated encryption core and interfaces as enhanced in the installed CM1, CM2 or on-board ASIC (depending on availability (CMx/ASIC)).
- A Key Management System (KMS) can be provided for larger organisations for programming of smart cards in a corporate and secure environment.

### Technical specifications:

- Real-time AES256 encryption of all data and keys
  - The [hiddn]<sup>TM</sup> SATA Adapter provides transparent encryption fully independent of the system’s Operating System and machine software/hardware
  - Requires no additional software or drivers
  - Interfaces:
    - SATA up to 1.5 Gb/s (SATA-I) upstream/downstream
    - External card reader (option)
  - Encryption speed
    - Typical read: 70 - 90 MB/s (UDMA-5/SATA-I)
    - Typical write: 70 - 80 MB/s (UDMA-5/SATA-I)
  - Power:
    - From SATA power plug (5V DC)
  - Adapters available for eSATA, PATA and USB 3.0 (options)
  - Dimensions:
    - Measurements:
      - L: 107.0 mm
      - W: 70.0 mm
      - H: 12.5\*/ 10.0mm
      - Weight: 75 g\*
- \* incl. second card reader

The [hiddn]<sup>TM</sup> product range includes **PREMIUM** – validated high-end client solutions for HW based full-disk encryption - and **PLUG & PROTECT** – an attractive fully commercial range of HW based full-disk encryption client solutions - **affordable encryption to anyone.**