

## DIGITTRADE HS128 HIGH Security HDD

The portable DIGITTRADE HIGH Security HDD is currently the best solution to save data at a high standard of security and mobility. Thanks to the full disk hardware encryption according to the 128 bit AES in ECB mode and the two-factor authentication, by smartcard and 8-digit PIN, the DIGITTRADE HIGH Security HDD combines the benefits of mobile data media with highest security standards for data privacy.

### 1. Encryption:

*During transfer on the HDD, all data is stored in real-time by a 128 bit full disk encryption according to AES in ECB mode.*

### 2. Authentication:

*The DIGITTRADE HIGH Security HDD works with a 2-factor authentication*

- *Factor 1 (Having)*
  - o *verifies, if the user has a smartcard with the correct AES key.*
- *Factor 2 (Knowing)*
  - o *verifies, if the user knows the correct 8-digit PIN and consequently is authorized to use this smartcard*

Security features:	
	<ul style="list-style-type: none"> <li>● 128 bit full disk hardware encryption according to AES in ECB mode</li> <li>● 2-factor authentication by smartcard and 8-digit PIN code</li> <li>● AES Key stored separately from the HDD and enclosure on smartcard</li> <li>● access protection onto the smartcard with the 8-digit PIN</li> <li>● encryption chip: FIPS-197 certified</li> <li>● security solution: FIPS-140-2 conform</li> <li>● smartcard: Atmel CryptoMemory AT88SC014C</li> <li>● smartcard: Smartcard Oberthur Cosmo 64 v5.4. with FIPS 140-2 Level 3 Certification (optional)</li> <li>● HS Smartcard Management System (optional)</li> </ul>
Special features:	
	<ul style="list-style-type: none"> <li>● no restrictions on read and write speed</li> <li>● independent from operating system</li> <li>● maintenance und support free</li> <li>● USB 1.1 / 2.0 &amp; FireWire 100 / 200 / 400 / 800</li> <li>● incl. hard case</li> </ul>

### Product data sheet

**Product:** HS128  
**Manufacturer:** DIGITTRADE  
**Capacities:** 160 – 1000 GB  
**Size:** 2.5 inch

**Product name:**  
 DIGITTRADE HS128

**Short description:**  
 HS128-500 / 320 / 160

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