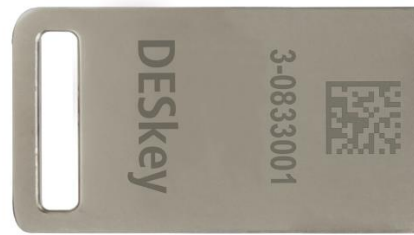


- **HID Device**
- **Pseudo-Random Number Generator**
- **Through Encryption**
- **Unique 8 Byte Password**
- **Memory 1024 bytes**
- **DESkey API**



Code or data from your application may be fed through the DK3 for in-line encryption.

The DK3 has 1024 bytes of memory, reading from the memory is allowed at any time, but writing to memory will require the unique 8-byte password. All information written to memory is uniquely encrypted.

All customers will have a unique 8-byte password to enable writing to memory.

The DESkey API provides a means to communicate directly with the DESkey Device Driver from your code.

Our technical support team can advise on the most suitable method to secure your application.

Technical Specifications

- Case dimensions: 12.1 x 22 x 4.5mm
- Weight: 3.1 g
- Warranty: 36 months
- Interface: USB 3.1 A-type connector, compatible to USB 1.1, 2.0, 3.1
- Communication protocol: Mass Storage Device (MSD) or Human Interface Device (HID), HID default
- Power supply: 5 V bus-powered, < 20 mA
- Operating and storage temperature: 0 °C ... + 70 °C, non-condensing
- MTBF (Mean Time Between Failures): > 3 Million hours

Certificates

Tested and qualified in accordance with the following standards:

CE-Conformity | European Certificates

Fully compliant with all applicable European regulations.

- 2014/30/EU EMC: Report Bureau Veritas File CE180718D10, 2018-08-15
- EN55022:2010/AC:2016, IEC/CISPR 32:2015, class B
- EN55024:2010+A1:2015, IEC/CISPR
- 24:2010+AMD1:2015
- EN55032:2015, AS/NZS IEC/CISPR 32:2015
- Fully compliant with EU Directives 2011/65/EU (RoHS), 2015/863/EU (RoHS amendment), SJ/T 11363-2014 (China RoHS2), 2012/19/EU (WEEE), 1907/2006/EC (REACH), 207/2011/EU (PFOS -REACH Annex XVII), 1272/2013/EU (PAH-REACH Annex XVII), and 1272/2013/EU (DINP-REACH Annex XVII).

Other Certificates

- VDE License No. 129382
- C-UL-US listed I.T.E. Accessory 10 WB, E-File 211202, 2018-07-30

The encryption device is only for use with UL Listed PCs (low power system). Meets UL 60950-1 and CSA C22.2 No. 60950-1 Safety of Information Technology Equipment specifications.

Ordering Information

P/N 1001-03-560-0291 DESkey DK3USB/B

Individual cases or laser engraving are available on demand.

Customization:

Colour labels can be applied to the end of the device in the same colours as currently available as the plastic moulded cases.



