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| Smart Card Interface | ID-0 SIM sized card | Supports ISO 7816 Class B cards (3V) Supports up to TA1=97 ISO7816 parameters(587Kbps with a 4,7Mhz reader clock) Supports up to TA1=96 ISO7816 parameters(293Kbps with a 4,7Mhz reader clock) Reads from and writes to all ISO 7816-1,2,3,4 microprocessor cards, T=0 and T=1 protocols |
| | Supported Crypto Architectures | PKCS#11 for Windows over HID for IDClassic 340 Java (TPC IM CC) smart card |
| Host Interface | HID | Human Interface Device |
| | CCID | Chip Card Interface Device, operates with Microsoft CCID driver inbox Vista and higher |
| | USB 2.0 | High Speed 480 Mbps |
| | Maximum consumption | 200mA |
| | Operating voltage | 4.4 --> 5.5V |
| Flash Data Storage | Flash memory options | Micro SD CARDS from 2GB to 32GB |
| | Memory lifetime | 1 000 000 writing cycles |
| | Read/Write performance | Up to 15MB/s Read* and 7MB/s* Write |
| | Encryption | Native 256-bit AES hardware encryption 256-bit encryption key Chain Block Cipher (CBC) mode |
| | Partition capability | Read Only partition with CD-ROM emulation (500 MB max) System for mirror copy at Read Only partition update Hidden partition dedicated to application data storage Private encrypted partition Public unprotected partition |
| Token form factor | USB plug | USB type A connector guaranteed for 1500 insertions retractable protection cover, qualified for 5000 cycles |
| | Power indicator | LED one color (blue) |
| | Dimensions | 64 mm x 24 mm x 12 mm |
| | Weight | 24 grams (with SD & Smart Card) |
| | Airtightness | IP 60 (dust protected/no waterproof) |
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| Environmental performances | Operating temperature | 0 to 50 degreeC |
| | Storage temperature | -20 to 60 degreeC |
| | Damp heat storage | IEC 68-2-3 +50°C / 93% RH, 96 h |
| | Thermal shock | IEC 68-2-14 Nb 0°C / 2 h, +50°C / 2 h, 2 cycles |
| | Sinusoidal Vibration | IEC 68-2-6 2gn, 0,15mm, 10 Hz to 500 Hz, 10 cycles |
| | Bumps | IEC 68-2-29 Half-sinusoid, 15 gn / 6 ms, 1000 cycles |
| | Free Fall | IEC 68-2-32 1 m, 2 times, 3 axis |
| | Electrostatic discharges | IEC 1000-4-2 ± 8 kV (air discharge on non plastic parts) ± 4 kV (contact discharge metallic parts) |

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| Operating systems supported | Microsoft Windows | XP SP2, Vista, Win7 using Microsoft CCID driver |
| | MAC OS X | 10.6 Lion |
| Standards & Certifications | European Community | CE : 89/336/CEE Non Radio devices : Generic Emission Standard : EN50081-1> ENw 55022 Generic Immunity Standard : EN50082-1 Radio Devices : ETS 300330 UL, FCC part 15 Class B |
| | USA | EMC: FCC part 15 Federal Communication Commission Safety : UL 1950 Safety Of Information Technology Equipment |
| | RoHS | Directive 2002/95/EC and its amendment directives (with reference to IEC 62321/2nd CDV (111/95/CDV). Procedures for the determination of Levels of Regulated Substances in Electro-technical Products. WEEE |
| Device Management System | SmartTMS on Windows | |
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