



Printer option – Dual smart contact & contactless card encoding **HID veriCLASS®**



The HID veriCLASS® is a dual contact and contactless interface PC-linked reader that will read/write to both a 13.56 MHz RFID contactless smart card and virtually any contact smart card. The dual interface feature economically supports end-user environments where both contactless and contact smart card technology may be in use.

The HID veriCLASS® is based on a 13.56 MHz contactless smart card RFID interface that is compliant with ISO specifications 14443 A & B and ISO 15693.

Target Markets

- Security
- Education
- ePayment
- ePurse
- Ticketing
- Access Control

Supported Printers

- On-demand factory configuration
 - Zenius Expert
 - Primacy Expert
 - Elypso Expert
- On-site upgrade
 - Zenius Expert
 - Primacy Expert
 - Elypso Expert

Software & SDK

PC/SC Software and dev. kit upon request

PC requirements

USB connector

The HID veriCLASS®'s contact smart card reader with USB interface, complies with major standards such as ISO 7816, PC/SC, Microsoft WHQL, EMV 2000 and EMVCo V2.0 specifications is guaranteed.

The HID veriCLASS® option has been designed to be easily installed in the Evolis Zenius, Primacy or Elypso.

It is the right solution when it comes to integrate HID iCLASS® card solutions within the Evolis desktop printer range.

The HID veriCLASS® integration has been realized in cooperation with a HID partner specialist, ensuring a high quality and performance for the solution.

The upgrade kit consists on a reader, its contactless antenna, the contact station, the daughter board and the required cables.

Evolis also provides additional services for those who are in need to configure such device directly in the factory, prior to the printer shipment. Please check with your Evolis representative for any detail about this program.





HID veriCLASS®

HOST INTERFACE	USB 2.0 CCID (USB 1.1 compatible) Transmission speed : 12 Mbps (USB 2.0 full speed) Power supply : self powered
CONTACTLESS SMART CARD STANDARDS	ISO 7816 Part 3 ISO 14443 A ISO 14443 B and Calypso B' ISO 15693 NFC reader mode CEPAS (Singaporean specification for an electronic money smart card)
CONTACT SMART CARD STANDARDS	Compliant with ISO 7816 Class A, B & C and EMV 2000*, EMVCo V2.0* Supports T=0, T=1 Automatic detection of smart card type 1 SAM
SUPPORTED CARDS	NXP: MIFARE®, MIFARE Plus®, MIFARE DESFire 0.6, MIFARE DESFire® EV1, MIFARE Ultralight®, MIFARE Ultralight® C, SMART-MX HID: iCLASS®
OTHER CERTIFICATION	FIPS PIV II (Personal Identity Verification)
INDUSTRY APPROVALS	Microsoft® WHQL certified EMV 2000 EMVCo V2.0
API	PC/SC driver
OPERATING SYSTEMS	Windows® 2000 32 bits, 2003 Server, 2008 Server, XP 32/64 bits, Vista 32/64 bits, Win 7 32/64 bits, Win 8**

Data source: HID web site : veriCLASS® Datasheet (01-2013)

* Reader Board is EMVCo Level 1 certified to EMVCo version 2.x standard, Reader Core is EMVCo Level 1 compliant with EMVCo version 2.x standard

** HID Schedule: end of 2013