



IDBridge **PIV** compliant readers

The leading link to secure access

- > Designed for ease of use for any level of computer user
- > Works with all smart card market standards.
- > The IDBridge portfolio of readers is fully customizable to meet your specific visual brand needs.

IDBridge PIV compliant readers

As the number one supplier of Smart Card readers in the world, Gemalto is the obvious choice to enable your personal identification verification (PIV) card for logical access and security. PIV, which began as a standards-based smart card program to improve the identification and authentication of U.S. Federal employees and contractors, was further developed for the private sector, incorporating commercial identification verification (CIV) standards. Gemalto is the preferred choice for a number of government customers and contractors wanting to comply with HSPD-12, as well as private companies and other organizations wanting to use the PIV card standard.

Gemalto's comprehensive range of PIV smart cards and readers are certified as compliant with all standards, and have achieved a place on the approved products list (APL) of the United States General Services Administration (GSA). The user-friendly smart card readers are built on the latest technology and offer reliability and strong security authorization. In addition, they are designed to be unobtrusive to users and are fully customizable to include your company brand and logo.



TECHNICAL SPECIFICATIONS IDBridge CT31		IDBridge CT510
Host Interface:	USB 2.0 CCID	Express Card/54 USB v2
Transmission speed:	12Mbps	
Operating systems:	Windows 8, Windows 7 French, Vista, XP, 2000, Windows: Server 2008 R2 - Server 2008 - Server 2003 (USB), Windows 7 English, Vista, XP, 2000, Windows: Server 2008 R2 - Server 2008 - Server 2003 (USB), Windows Vista English (Serial), Windows 98, 98se, ME, Windows CE, Linux Drivers, Apple Mac OSX Drivers, Solaris 10 Drivers	
Standards:	<ul style="list-style-type: none"> • ISO/IEC 7816-1,2,3,4: IC Cards with contacts • EMV Terminal Level 1 version 4.0 (GemCore Pro IFM) • Mondex ChipSafe Plus Purse 2 (PC USB TR) 	
Supported APIs:	<ul style="list-style-type: none"> • Microsoft PC/SC environment with associated drivers • CT-API • Synchronous Card API for support of memory cards 	
Smart Card interfaces:	<ul style="list-style-type: none"> • Supports ISO 7816 Class A, B and C cards (5 V, 3 V, 1.8 V) • T=0 and T=1 protocols • Supports memory cards using "Synchronous Card API" 	
Smart Card interface speed:	Up to TA1=96 ISO7816 parameters (826 Kbps with a 4Mhz reader clock)	Up to TA1=97 ISO7816 parameters (500 Kbps with a 4Mhz reader clock)
Physical interface:	<ul style="list-style-type: none"> • ID-1 (full size) • 8 friction contacts - ISO location • 100,000 insertion cycles • Short circuit detection • EMV Level 1 mechanically compliant • Embossed smart cards supported 	
Human interface:	Green LED with dual state (wait and operation)	N/A
Dimensions (mm); weight (g):	93 x 63 x 13; 61	75 x 54 x 5; 23
Operating temperature:	0 -55 C / 32 - 131 F	
Operating humidity:	10 to 90% RH	
Power consumption:	100 mA max through bus	1mA suspend 55 mA typical 200 mA max
Operating voltage:	4.4 to 5.5 V	3.3 V 1A
Cable:	59.1" (1.5 m) USB 2.0 with type A connector	N/A
Color:	Transparent	Silver
Environmental:	<ul style="list-style-type: none"> • CE, FCC part 15 Class B; VCCI, c-Tick, BSMI; • EN 60950 / UL 950 / CSA 95 • OHS compliant, WEEE marking 	