

IDBridge CT700

Protect your PIN entry with our devices



From your perspective

Cyber attack and identity theft continue to increase and become more sophisticated as businesses harness the power of online services for business applications. To counteract this threat, many enterprises, financial institutions and government agencies have deployed strong authentication using smart card technology to provide safe logical access, protect digital identities and secure online transactions of their employees, customers and citizens at large. Pinpad readers guarantee the highest security level thanks to the PIN protection that prevents from keylogger threats.

Thales's readers employ more than 20 years of security and cryptography research and development to supply a range of products that are reliable, versatile and compliant with relevant standards and certifications for each industry.

IDBridge CT700 is an ergonomically designed Class 2 readers (Secure PIN entry). Perfect for corporate, administrative, eCommerce and eBanking services that require an extra layer of security, the IDBridge CT700 integrates a tactile 16 key keypad, a 2x17 line display and a USB interface.



IDBridge CT700

- Weighted version
- One-hand card insertion
- For desktop and branch application

Key benefits

- **Same security in 2 casings** thanks to secure PIN entry and tamper evident casings
- **Easy to use:** plug and play with leading operating systems
- **Standards based:**
 - ISO 7816, EMV
 - USB, CCID

Vertical markets

- eGovernment
- Enterprise
- Health care
- Banking
- eServices
- eCommerce

Technical features

Secure PIN entry and firewall

The firewall prevents from any access to the pinpad memory, keypad and display All the pin buffers (new and old) and the card buffer are erased as soon as the secure command is sent to the card.

Three commands are blocked by the firewall: VerifyPIN, ChangePIN & ChangePIN with PUK. This firewall is deactivated upon request. Pin 1, Pin2 and PUK are supported.

Main standard compliance

- PC/SC V2 part 10 for Secure PIN Entry devices
- USB 2.0, CCID 1.1
- Full support of ISO 7816 cards
- EMV level 1
- RoHS, WEEE, CE, FCC

Technical specifications

- Drivers for Windows, Linux, MacOS
- Smart card interface: CLK = 4MHz, up to TA1=97 (500Kbds if supported by the smart card)
- Supports all ISO 7816 1.8V, 3V, 5V cards
- Extended APDU commands
- Powered by USB interface
- Short circuit detection
- 6 friction contacts – ISO location
- 100,000 insertion cycles
- Embossed smart cards supported
- Large display, allows for more a userfriendly interaction with the device
- 2x17 character LCD
- Available in several languages
- Built-in keyboard
- Fixed USB cable
- Tamper evident design
- Graphical and package customization upon request

IDBridge CT700:

- Dimensions: 121 x 79 x 49 mm
- Weight: 292 g

About Thales

The people you rely on to protect your privacy rely on Thales to protect their data. When it comes to data security, organizations are faced with an increasing number of decisive moments. Whether the moment is building an encryption strategy, moving to the cloud, or meeting compliance mandates, you can rely on Thales to secure your digital transformation.

Decisive technology for decisive moments.