

IDBridge CT700

Protect your PIN entry with
our devices

From your perspective

Cyberattacks and identity theft are becoming more frequent and sophisticated as businesses increasingly rely on online services for critical applications. To address these risks, many enterprises, financial institutions, and government agencies use smart card-based strong authentication to secure logical access, protect digital identities, and safeguard online transactions for employees, customers, and citizens. Pinpad readers provide a higher level of security by protecting PIN entry and helping prevent key-logger attacks.

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

Vertical Markets

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

Technical features

The firewall prevents access to the pinpad memory, keypad, and display. All PIN buffers, including new and old values, as well as 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. Pin1, Pin2 and PUK are supported.

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



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 withthe 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 payShield

payShield is constantly evolving to help secure your business transactions. For more information visit:

<https://cpl.thalesgroup.com/encryption/hardware-security-modules/payment-hsms>

About Thales

Thales is a global leader in cybersecurity, helping businesses, governments, and the most trusted organizations in the world protect critical applications, sensitive data, identities, and software anywhere, at scale — with the highest ROI. With more than 30,000 customers, including 58% of the Fortune Global 500, our solutions are deployed in 148 countries around the world. Through our innovative services and integrated platforms, Thales helps customers achieve better visibility of risks, defend against cyber threats, close compliance gaps, and deliver trusted digital experiences for billions of consumers every day.