

# IDBridge CT700 & CT710

Protect your PIN entry with our devices



FINANCIAL SERVICES & RETAIL

**ENTERPRISE > SOLUTION**

GOVERNMENT

TELECOMMUNICATIONS

TRANSPORT



**gemalto**  
security to be free

# IDBridge CT700 & CT710

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.

Gemalto'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 and CT710 are 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 and CT710 integrates a tactile 16 key keypad, a 2x17 line display and a USB interface.

## 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. Pin1, Pin2 and PUK are supported.

### Main standard compliance

- PC/SC V2 part 10 for Secure PIN Entry devices and Common Criteria EAL3+
- USB 2.0, CCID 1.1
- Full support of ISO 7816 cards
- EMV level 1
- RoHS, WEEE, CE, FCC

## 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:**
  - Compliant with EAL3+ with Protection Profile V1.3
  - ISO 7816, EMV
  - USB, CCID

## Technical specifications

- Drivers for Windows, Linux, MacOS
- Smart card interface: CK = 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 user-friendly 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

### IDBridge CT710:

Dimensions: 98 x 66 x 15 mm  
Weight: 64 g

## Two different form factors with same security features



### IDBridge CT700

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



### IDBridge CT710

- Light version
- Mobile security
- Nomad application