

IDBridge CT30 smart card reader

Universal reader for smart card applications



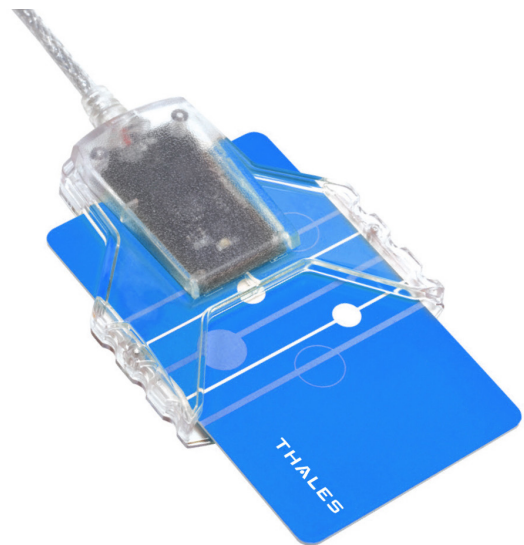
Protecting executives

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.

Benefits

- Data and identity protection
- Strong authentication
- Secure application for eGov, enterprise, healthcare, banking, gaming
- Easy to deploy
- Universal for all ISO smart cards
- Customizable

Smart card readers are an essential component of any smart card deployment. Connected to a PC, laptop or thin client, they ensure communication between the smart card and network services, and must do so in a convenient yet secure manner. Gemalto's full range of PC-Link smart card readers provide the perfect balance of ease of use combined with the highest level of security.



Main standard compliances

- ISO7816
- EMV2000 Level 1
- Microsoft signature (WHQL)
- USB 2.0 and CCID 1.1
- RoHS and REACH
- PC/SC

The innovative transparent design of the IDBridge CT30 highlights the card with your graphics. A flexible deployment solution with maximum user-friendliness, the IDBridge CT30 is compact and lightweight to optimize shipping expenses and offers a cost effective solution to all your smart card reader needs.

The IDBridge CT30 is modular in concept, and several easy-to-use and easy-to-install accessories are available, including a stand for desktop use (vertical insertion) and floppy disk tray to convert the reader to an internal device to be installed in a PC Floppy Disk or CD-ROM bay.

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.

Technical Specifications

Host interface		<ul style="list-style-type: none"> • USB 2.0, full speed (12Mbits/s), hubless, CCID protocol
Operating systems, drivers and API		<ul style="list-style-type: none"> • Up to Windows 10 (including Windows 7, 8.1) • Linux • Mac OS • Drivers available at Thales Customer Support Portal
Standards		<ul style="list-style-type: none"> • ISO7816-1, 2, 3, 4 • EMV terminal level 1 version 4
Supported smart cards	Asynchronous	<ul style="list-style-type: none"> • Microprocessor cards • T=0, T=1 protocols • Transmission rate: 2 Kbps to 826Kbps (TA1=17 @ CLK=4.8MHz)
Smart card electrical interface	Smart card power supply	<ul style="list-style-type: none"> • 5V and 3V and 1.8V • Short circuit current limitation • Power up / power down control sequences
	Smart card management	<ul style="list-style-type: none"> • Card insertion/extraction detection
	ESD protection on card I/O	<ul style="list-style-type: none"> • 8KV Human Body Model
	Power down	<ul style="list-style-type: none"> • Less than 200µA suspend mode current
Human interface	Led	<ul style="list-style-type: none"> • Green led with dual state (waiting and operation)
Environmental	Voltage	<ul style="list-style-type: none"> • RoHS, REACH • WEEE • CE, FCC part 15, VCCI, c-Tick, BSMI, KC • EN60950 / UL-cUL60950
Dimensions	Reader	<ul style="list-style-type: none"> • 74mm x 63mm x 13mm • Weight 55g
	Cable	<ul style="list-style-type: none"> • 1.5m (59.1") USB2.0 with type A connector
	Carton box	<ul style="list-style-type: none"> • 108mm x 90mm x 30mm
Other features	Temperature range	<ul style="list-style-type: none"> • Operating range: 0°C to +55°C • Storage: 0°C to +70°C
	Color	<ul style="list-style-type: none"> • Transparent (crystal)

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