Gemalto GemPC Twin/TR (ID Bridge CT30)

The IDBridge CT30 (formerly the GemPC Twin/TR) USB desktop reader from Gemalto integrates high quality and functionality with a contemporary design. This reader is fully PC/SC and EMV Level 1 compliant and supports all ISO 7816 microprocessor-based smartcards as well as many popular memory cards. The reader is compatible with previous Gemalto models such as the GCR410.

Simple plug-and-play operation on all versions of Windows (WHQL approved Windows drivers included). The ideal smart card reader for Mac / iMac with USB-A ports with downloadable drivers for MacOS. Linux drivers also available for download from the Thales (Gemalto / SafeNet) support portal.

The IDBridge CT30 is compact and boasts performance to match many other leading brand readers. This unique transparent reader even allows you to see the card when inserted. The latest TR version has a fixed USB cable, but is otherwise identical to the previous Twin model.

There is a software and hardware proof of concept kit for PKI-based logon, which includes this card reader, listed on the Related tab.

Gemalto part number 962-000009

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This unique transparent USB contact reader is highly compact and boasts high performance to match.

To buy, visit:

https://www.smartcardfocus.com/shop/ilp/id~463/p/index.shtml

This Product Briefing has been produced by Dot Origin Ltd, the smart card experts behind SmartcardFocus.com. If you have a query email sales@smartcardfocus.com or call us on +44 (0)1428 685250.

Technical Specifications

Product:

Manufacturer: Gemalto

Credential type(s): Contact

Form factor: Portable

Connector: USB CCID (Standard 2.0 Type A connector)

OS support: Windows 11, 10, Windows 8, Windows 8.1, Windows 7, Windows XP, Windows Vista, Windows 2000 / Windows Server 2008R2, Server 2012, Server 2012R2, Server 2016, Server 2019, Server 2022; Linux; MacOS

Contact Smartcard Interface:

Contact interface standard: ISO 7816

Contact card types: Processor cards (T=0 and T=1)

Card Voltage 5V, 3V & 1.8V

Data transmission protocol: T=0 / T=1

Card contacts: Sliding

Contact read/write speed: 2kbps - 826kbps

Clock frequency: 4.8MHz

Card insertion cycles: Min 100 000

Host Interface:

Host interface standards: PC/SC

Host data transmission speed (wired): 12 Mbps (USB full speed)

Other Features:

Card detection: Card insertion/extraction detection, Short circuit protection

Status indicator: Green LED with dual state (waiting and operation)

An additional desktop stand is available as an accessory.

Certifications:

Manufacturer's warranty: 2 year

Type approvals: CE, FCC part 15, RoHS 2, REACH, WEEE, IEC 60950, c-Tick

Application approvals: EMV Level 1 (Contact), c-Tick (Australia), VCCI (Japan), BSMI (Taiwan)

Country of origin: China

Physical:

Dimensions: 74 x 63 x13mm (2.9 x 2.5 x 0.5in)

Weight (±5%): 55g (1.9oz)

Cable length supplied: 1.5m (59.1in)

Power:

Supply voltage: 5V DC

Operating current: Less than 200µA (in suspend mode)

Battery power option: No

Environment:

Operating temperature: 0 to 55degC (32 to 131degF)

Storage temperature: 0 to 70degC (32 to 158degF)

Operating humidity: 10-95% RH (non-condensing)

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Manufacturer: Thales Gemalto

Connection Method: USB