

TEMPEST Smart Card Reader DTD-Reflex Compact Performance - TEMPEST Security



Built and tested to meet the following TEMPEST standards:

- NSTISSAM 1-92 Level I
- AMSG 720B

The DTD-REFLEX is a TEMPEST version of the Reflex USB card reader. It provides an ideal platform for e-commerce and other PKI applications, where the smart card plays a key role in storing certificates, digital signature generation, and advanced encryption. It takes advantage of the speed of the USB bus as well as the convenience of plug and play, and hot-pluggable. It is specially designed to make potentially time-consuming and troublesome process of deployment as smooth and simple as possible. Its small size allows for less space on the desktop and is compliant with all major smart cards on the market. With optimized communication speed and installation procedure (through compliance with CCID specification), the DTD-REFLEX will greatly improve your users experience.

Key features include:

- CCID compliance reduces the need for driver download on latest Microsoft platforms
- EMV Level 1 and PC/SC certification based on a single solution
- Tested and compliant with all major smart cards on the market
- Single chip with integrated USB controller, micro controller and smart card controller (STC II)
- Firmware is field upgradeable
- Supports card speeds up to 344Kbps
- USB 2.0 specification compliant full speed device
- Supports major smart card protocols (T=0/T=1)
- Supports ISO 7816 Class A and AB smart cards

Specifications

PC Interface

Full speed USB (12Mbps) via DB9 connector
Hubless PnP Support

Power supply

5V Power through USB bus

Power consumption

Operating current 28mA

Supported operating systems

Windows 98, W2000, XP and Server 2003

Communication speed with PC

USB 2.0, 12M bps

Communication speed with card

344105 bps

Smart card interface

T=0, T=1 protocol support

Frequency up to 12 MHz (PPS, DI parameter)

Support ISO 7816 Class A and AB smart card

Certifications and Standards

Certifications and Standards PC/SC – There is no formal certification for PC/SC, only WHQL Microsoft WHQL for Windows 2000, XP and Server2003

Regulatory Approvals

FCC Class B part 15, cULus, CE, VCCI

USB compliance tested

Microsoft WHQL 2000, XP, Server 2003

EMV Level 1

Dimensions

3"W x 5.1"D x 0.7"H

Weight

0.65 lbs

- Warranty is one year, parts and labor