



TF35

Ultra Portable Smart Card Reader



The TF35 is a fully ISO 7816 compliant USB contact smart card reader that is perfectly suited for a wide range of applications including online gaming, government, enterprise, and home use.

With its small transforming design, the TF35 is ideal for bundling with smart cards and software to support large scale roll-out projects. Typical applications for this reader include electronic ID cards, social security cards, secure network log-on, online banking, online shopping, loyalty programs, e-Coupon cards, and online gaming.

TF35 Features

- Fully ISO 7816 compliant
- Compact, foldable design
- CCID compliant
- Software and functionality fully supported PC/SC, with CardLogix middleware including Winplex and Trakplex
- Ongoing EMV Level 1 certification
- Customizable with various color options and the printing of company logos and brands



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Identity

7200053A

Technical Data

Host Interface	<ul style="list-style-type: none"> • Full speed USB 2.0 (12 Mbps) • USB bus powered device • CCID
Smart Card Interface	<ul style="list-style-type: none"> • T=0, T=1 protocol support • Memory card support through SCM MCARD API • Communication speed up to 344 kbps (PPS, FI parameter) • Frequency up to 8 MHz (PPS, DI parameter) • Supports ISO 7816 Class A, B, and C smart cards • 8 friction contacts (ISO 7816 locations) • 100,000 insertions
Human Interface	<ul style="list-style-type: none"> • Red LED
Software Interface	<ul style="list-style-type: none"> • PC/SC • CT-API (through PC/SC-CT-API wrapper) • CardLogix Winplex, and Trakplex middleware
Operating Systems	<ul style="list-style-type: none"> • Windows 7, Vista, XP, Server 2003, 2000, ME, 98 (32-bit) • Windows 7, Vista, XP, Server 2003 (64-bit) • Windows CE 3.0, 4.1, 4.2, 5.0, 6.0 • Mac OS • Solaris • Linux 2.4, 2.6 (32-bit and 64-bit)
USB Connector	<ul style="list-style-type: none"> • Type A
Dimensions	<ul style="list-style-type: none"> • 48 x 20 x 12 mm
Weight	<ul style="list-style-type: none"> • 11 g
Operating Temperature	<ul style="list-style-type: none"> • 0 to 50° C
Operating Humidity	<ul style="list-style-type: none"> • 90% (non-condensing)
Functional Approvals	<ul style="list-style-type: none"> • FCC Class B part 15, cULus, CE, VCCI • ANZI (SCR 3310) • ICES-003 Issue 4, Class B • USB-IF • Microsoft WHQL 2000, XP, Server 2003 • EMV 2000 Level 1
Environmental Approvals	<ul style="list-style-type: none"> • RoHS • WEEE • REACH compliance (SCR 3310 v2.0)