

uTrust 4701F



The uTrust 4701F from Identiv is a 13.56 MHz dual interface USB smartcard reader that supports all major card ICs, standards and technologies including ISO 7816, ISO 14443 and NFC.

The uTrust 4701F represents a feature-rich reader with a sleek design that is suitable for applications such as network log-on, secure web based transactions or NFC based customer loyalty programs, using contact or contactless smartcards.

This reader replaces the previous Cloud/uTrust 4700F model and benefits from being firmware-upgradable. A desktop stand is also available, providing additional angled desktop and wall mounting options.

Identiv part number 905504-1

A 13.56MHz dual interface USB smartcard reader. Optional stand also available.

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~865/ustrust-4701f/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.

uTrust 4701F

Technical Specifications

Dimensions: 4.96" x 3.66" x 0.83" (126 x 93 x 21mm)

Weight: 4.13oz (117g)

Power Supply: 5V USB powered

Power Consumption: <220mA excluding smart card; <400mA with standard card, <600µA in standby mode

Cable length: 59.1" (1.5m)

Operating Temperature: -4 to 158degF (-20 to 70degC)

Storage Temperature: -13 to 185degF (-25 to 85degC)

Operating Humidity: Up to 95% RH (non-condensing)

MTBF: ~ 4,000,000hrs

Firmware In-Field Upgradeable: Yes

Host Interface

USB CCID (Standard 2.0 Type A connector) (USB 1.1/3.0 compliant)

Transmission Speed: 12 Mbps (USB full speed)

Contact Smartcard Interface

Supports Processor cards: following either T=0 or T=1 protocol

Protocol standards: ISO 7816 Part 1 to 4, Class A, B, C (5V, 3V, 1.8V); T=0; T=1;

Memory card support

Supported APIs: PC/SC

Supply current: 60mA in Class A, 55mA in Class B and 35mA in Class C

Smartcard read/write speed: up to 600 kbps , TA1=97

Card detection: Card present switch, Automatic power on/off, Short circuit protection

Durability: Sliding contact 100,000 card insertions

Contactless Smartcard Interface

Supports: T=CL, MIFARE (Classic, Ultralight, Ultralight C, MIFARE PLUS, DESFire, DESFire EV1 2/4/8k), FeliCa, ISO 14443A/B , ISO18092, NFC tag types 1, 2,3 and 4

Supported APIs: PC/SC, CT-API (through wrapper on top of PC/SC), M-Card API (through wrapper on top of PC/SC)

Human Interface

Status Indicator: Dual colour LED

Compliance / Certification

Operating System support

Windows 10, 8.1, 8, 7 (32 and 64 bit), Windows CE 6.0, 7.0

Windows Server 2012, 2008, 2003

Linux, Mac OS, Android 3.0 and later

Manufacturer's part number: 905504-1

1 year manufacturer's warranty

Manufacturer: Identiv

Connection Method: USB