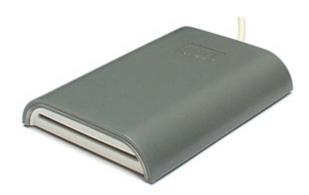## Omnikey 5422

The Omnikey 5422 from HID is a dual interface USB smartcard reader that reads/writes to both 13.56 MHz contactless and virtually any contact smartcard technology.

The Omnikey 5422 is compliant with ISO specifications 14443 A/B and 15693 for contactless and 7816 for contact smartcard technologies. The reader features native CCID implementation, supporting Windows, Linux and Mac operating systems. Compatible with HID Global solutions, this reader supports ActivID® ActivClient, ActivID® Applets, and HID Trusted Tag® Service.

Note – although fully CCID and PC/SC compliant, this reader is not 100% backwards-compatible with the previous model (Omnikey 5421) when running software that uses the extended API, such as reading iClass cards. Please therefore check compatibility prior to ordering.

Omnikey part number R54220301

A 13.56 MHz dual interface USB smartcard reader supporting ISO 14443 A/B, ISO 15693 and ISO 7816.

To buy, visit:

https://www.smartcardfocus.com/shop/ilp/id~820/omnikey-5422/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.

Omnikey 5422

2 Year Manufacturers Warranty

Host Interface

Host Interface: USB 2.0 full speed

Contactless Smartcard Interface

Cards & Protocols: ISO 14443 A/B, up to 848 kbps; ISO 15693, up to 26 kbps

Contactless Smartcard Interface

Standards: ISO 7816 A/B/C

Protocols: T=0, T=1

Speed: 420 kbps

Frequency: Up to 8Mhz

Power to smartcard: 60mA

Human Interface

Status Indicator: LED

Driver Software

CCID: Supported on contact interface

Supported APIs: PC/SC driver, OCF

Drivers: Windows XP, Vista, 7, 8 (32/64 bit), Windows Server 2003, 2008, 2008R2, Linux, Mac OS

Housing

Dimensions: 2.79" x 3.66" x 0.63" (71mm x 93mm x 16mm)

Weight: Approx. 100g

Operating conditions

Power Supply: Bus Powered

Operating Temperature: 0 - 55C

Operating Humidity: 0-90% Relative Humidity

Storage Temperature: -20C - 80C

MTBF: 500 000 hrs

Certifications & Approvals

Compliance: CCID, Microsoft WHQL

Environmental: RoHS, WEEE, REACH, UL, CE, FCC, ICES

Manufacturer: Omnikey

Connection Method: USB