

Omniquey 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.

There is also a handy card retainer that will fit this reader and a vertical stand available.

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.

Omniquey 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/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](mailto: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: up to 848kbps depending on card

Frequency: Up to 8Mhz

Power to smartcard: 60mA

#### **Human Interface**

Status Indicator: White LED

#### **Driver Software**

CCID: Supported on contact interface

Supported APIs: PC/SC - API

Operating systems: Windows 10/8.1/8/7, Windows Server 2016, 2012, 2008R2, Linux, Mac OS X, Android

#### **Housing**

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

Weight: Approx. 100g (3.5oz)

#### **Operating conditions**

Power Supply: Bus Powered

Operating Temperature: 0 to 55 degC (31 to 131 deg F)

Operating Humidity: 10-95% Relative Humidity (non-condensing)

Storage Temperature: -20 to 80C degC (-4 to 176 degF)

MTBF: 500 000 hrs

#### **Certifications & Approvals**

Compliance: RoHS, WEEE, REACH, CE, UKCA, FCC, UL, KCC (Korea), RCM (Australia), ICES (Canada)

**Manufacturer:** Omnikey

**Connection Method:** USB