

## Omnikey 5427 CK Gen2



The 5427 CK from Omnikey is a USB contactless smartcard reader that supports both low and high frequency technologies, providing a useful integration path for environments using a mixed range of credentials. Conforming to ISO 14443 A/B, ISO 15693 as well as HID Prox, the second-generation Omnikey 5427 CK is a platform independent reader that functions in many different environments, thanks to its support for both CCID and keyboard emulation functionality.

The 5427CK reader operates by default as a CCID smartcard reader, but by switching to the optional 'keyboard wedge' mode, card data can be retrieved and inserted directly into applications, or sent to other devices, using keystroke emulation.

The Omnikey 5427 CK Gen2 includes an easy-to-use web-based management tool that enables intuitive browser-based configuration. Dedicated drivers and a configuration guide are available for download, while additional developer tools are available on request from HID.

Housed in a sleek and modern case, this reader provides support for a wide range of low and high frequency technologies in one device. It features a dual-colour LED status indicator, programmable buzzer and a removable card holder for card-present operation.

HID part number R54270101

**A USB contactless reader that supports low as well as high frequency card technologies. Keyboard wedge functionality included. Second generation version. Two year warranty.**

To buy, visit:

<https://www.smartcardfocus.com/shop/ilp/id~660/omnikey-5427-ck-gen2/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 5427 CK**

### **2 Year Manufacturers Warranty**

#### **Technical Specifications:**

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

Power Supply Bus powered

Operating Temperature 32- 158F (0 - 70C)

Operating Humidity 10 - 90% relative humidity

#### **Host Interface**

Host Interface USB 2.0 (USB 1.1 compatible)

Transmission Speed 12 Mbps (USB 2.0 full speed)

#### **Contactless Smartcard Interface**

**Cards / Protocols high frequency: CCID:** MIFARE Classic 1K/4K, Ultra Light, Ultra Light C, Plus, MIFARE, DESFire, iCLASS, ISO 14443 A with up to 848 kbps transmission rate (depending on card), ISO 15693 with up to 26 kbps transmission;

**Keyboard Wedge:** MIFARE Classic 1K/4K, Ultra Light, Ultra Light C, Plus (Security Lvl 1) , MIFARE, DESFire, iCLASS

**Cards / Protocols low frequency:** HID PROX, HID Indala Prox, EM Prox

**Supported APIs: CCID:** PC/SC (ready for 2.01/ CCID mode); **Keyboard**

**Wedge:** Human Interface Device

**PC/SC Driver Support: CCID:** Compliant with native OS CCID drivers (in CCID mode); **Keyboard Wedge:** Compliant with native Human Interface Drivers

Status Indicator: Dual color LED (white=ready, blue=busy); Buzzer (programmable)

Accessories (included): Removable Card Holder for card-present operation

Connector Cable Length: USB Type A Connector / 78.7" (200 cm)

Meantime Between Failure(MTBF): 500,000 hours

Compliance / Certification: Microsoft WHQ

Approvals/Environmental: Compliant RoHS (REACH), WEEE, UL, CE, FCC, ICES (Canada)

**Manufacturer:** Omnikey

**Connection Method:** USB