Omnikey 5427 CK Gen2 with BLE

The 5427 CK from Omnikey is a USB contactless smartcard reader that supports both low and high frequency RFID technologies, providing a useful integration path for environments using a mixed range of credentials. This Bluetooth variant can also read HID Mobile ID credentials from a compatible mobile phone. Conforming to ISO 14443 A/B and ISO 15693 as well as HID Prox and HID Origo, 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 5427 CK reader operates by default as a CCID smartcard reader. 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. Additional functionality, including Windows app messaging and a local web server mode for browser applications, can be unlocked using our Read-a-Card software alongside this hardware.

The Omnikey 5427 CK Gen2 with Bluetooth 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 credential types in a single device. It features a dual-colour LED status indicator and a removable card holder for card-present operation.

HID part number R54270111

A USB contactless reader that supports low as well as high frequency card technologies, and Bluetooth for HID credentials on mobile phones. Keyboard wedge functionality included. Two year warranty.

To buy, visit:

https://www.smartcardfocus.com/shop/ilp/id~883/omnikey-5427-ck-gen2-with-ble/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.

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°- 131°F (0° - 55°C)

Operating Humidity: 10 - 95% relative humidity (non-condensing)

Storage Temperature: -4° to 176°F (-20° to 80°C)

Meantime Between Failure(MTBF): 500,000 hours

Bluetooth Interface

Supported Functions: HID Mobile ID/Origo credentials

Contactless Smartcard Interface

Cards / Protocols high frequency: MIFARE Classic, MIFARE DESFire EV1/EV2, iCLASS, ISO 14443 A/B with up to 848 kbps transmission rate (depending on card), iCLASS SE/Seos (read only/no writing), Felica (UID only), NFC tags Type 1, 2, 3, 4 or 5

Cards / Protocols low frequency: HID Prox, Indala, EM Prox, Hitag 1, 2, S

Host Interface

Host Interface: USB 2.0 (USB 3.0 extended operability tested)

Transmission Speed: 12 Mbps (USB 2.0 full speed)

Connector Cable Length: USB Type A Connector / 59.1" (150 cm)

Supported APIs: PC/SC - API; SAM - API

PC/SC Driver Support: CCID- CCID driver native to OS; Keyboard Wedge - Driver native to OS, supporting MF-102 keyboard

Operating Systems: Windows 10/8.1/8/7/Server 2016/Server 2012/Server 2008R2; Linux Debian 6.0+ / Ubuntu 11.04+/ Fedora 15+; Open SUSE 11.4+Mac OS X; Android 4.x to 9.x

Human Interface

Status Indicator: Dual colour LED (white=ready, blue=busy)

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

Certificates/Compliance

RoHS3, REACH, WEEE, UL, CE, FCC, KCC, RCM

Warranty: 2 year manufacturer's warranty

Manufacturer's part number: 54270111

Manufacturer: Omnikey

Connection Method: USB