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 and a removable card holder for card-present operation.

A vertical stand for the reader will be included, free of charge, while stocks last.

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.

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Omnikey 5427 CK

Technical Specifications:

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

Power Supply: Bus powered

Operating Temperature: 0 to 55 degC (32 to 131 degF)

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

Host Interface

Host Interface: USB 2.0 & USB 3.0 extended operability

Transmission Speed: 12 Mbps (USB 2.0 full speed)

Contactless Smartcard Interface

Cards / Protocols high frequency: MIFARE Classic, MIFARE Ultralight, MIFARE Ultralight C, MIFARE DESFire, iCLASS SE, ISO 14443 A/B with up to 848 kbps transmission rate (depending on card), ISO 15693 with up to 26 kbps transmission; ISO 18092 NFC Tag types 1-5; FIDO/FIDO2 authenticators

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

Supported APIs: PC/SC - API

PC/SC Driver Support:
- CCID: Compliant with native OS CCID drivers (in CCID mode) (Windows/Linux/Mac);
- Keyboard Wedge: Compliant with native Human Interface Drivers for MF-102 keyboard (Windows/Linux/Mac)

Other Features:

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

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

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

Meantime Between Failure(MTBF): 500,000 hours

Certifications:

Manufacturer's warranty: 2 years

Approvals/Environmental: RoHS, REACH, WEEE, CE, UKCA, FCC, UL (Canada), KCC (Korea), RCM (Australia)

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Manufacturer's part number: R54270101

Country of origin: Philippines

HSF code: 8471607000

Manufacturer: Omnikey

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