Omnikey 5127 CK MINI

The 5127 MINI CK from Omnikey is a USB contactless smartcard reader that supports low and high frequency card technologies, as well as HID Mobile Access (NFC/Bluetooth) providing a useful integration path for environments using a mixed range of credentials.

Conforming to ISO 14443 A/B and ISO 15693 and also supporting 125Khz Prox, as well as innovative HID Mobile Access (over NFC/BLE) the Omnikey 5127 CK MINI is a platform independent reader that functions in many different environments, thanks to its support for both CCID and keyboard emulation functionality.

The 5127 CK MINI 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 5127 CK MINI 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 from HID.

Housed in a highly compact outer case, this reader provides support for a wide range of credential technologies in one device. It features a dual-colour LED status indicator,

programmable buzzer and Micro-USB port (no USB cable is supplied with this reader - any standard micro-USB cable will work).

The case can be removed for integrated/OEM applications - please contact us for information and availability on the OEM PCB-only version, which is available for larger projects.

Omnikey part number R51270020

A compact design USB contactless reader that supports low as well as high frequency card technologies. Keyboard wedge functionality included. Two year warranty.

To buy, visit:
https://www.smartcardfocus.com/shop/ilp/id~840/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 5127 CK MINI

Technical Specifications

Dimensions: 55mm x 40mm x 16mm (2.2in x 1.6in x 0.63in)

Power Supply: 5V USB powered

Operating Temperature: -20 to 70 degC(-4 to 158 degF)

Operating Humidity: 10 - 90% relative humidity

Host Interface

USB 2.0 and USB 3.0 extended operability

Transmission Speed: 12 Mbps (USB 2.0 full speed)

Contactless Smartcard Interface

Supported operation modes: CCID and Keyboard Wedge

Supported HF Cards: MIFARE Classic , MIFARE Ultralight, MIFARE Ultralight C, MIFARE DESFire EV1, iCLASS SE, iCLASS SEOS, ISO 14443A/B, ISO15693, ISO 18092 NFC tag types 1-5 and Felica (UID)

Supported LF Cards: HID PROX, HID Indala Prox, EM Prox

Supported Virtual Cards: HID Global Mobile Access Service (BLE)

Protocols: ISO 14443 A (with up to 848 kbps transmission rate), ISO 15693 (with up to 26 kbps transmission), ISO 18000-3, BLE

Supported APIs: PC/SC, SAM

Human Interface

Status Indicator: Bi-colour LED (green=ready, red=busy)

Buzzer (programmable)

Connector Cable

USB 2.0 compliant Micro-USB cable required

Compliance / Certification

RoHS, REACH, WEEE, IEC 60950-1, CE, UKCA, FCC modular, IC (Canada)

1 Year Manufacturer's Warranty

Manufacturer's part number: R51270020

Country of origin: China

HSF code: 84719000

Manufacturer: Omnikey

Connection Method: USB