

## HF | NFC - Desktop Reader HID - OMNIKEY® 5022

- Supports iCLASS®, MIFARE® & DESFire®
- NFC & FIDO2 token support
- 5G, WiFi, Bluetooth 5.2, GPS
- Broad OS compatibility
- Native CCID driver for seamless plug-and-play



## HF | NFC - Desktop Reader Compact Contactless Authentication

HID's OMNIKEY® 5022 enables strong authentication to data and cloud applications, supporting 13.56 MHz credentials such as iCLASS®, MIFARE® and MIFARE® DESFire®, as well as NFC-enabled smart devices, including FIDO2.

Typical environments for the reader include healthcare, pharmaceutical, financial services, enterprise, government and other agencies seeking higher security and access management. The OMNIKEY 5022 reader can also be used to meet security and regulatory compliance requirements, which mandate two-factor user authentication for accessing workstations and applications. The reader eliminates the requirement for driver installation and is suitable to be used with standard PC or workstations, as well as with thin and zero clients.

By supporting numerous credentials based on common ISO14443 A/B, ISO 15693 standards, the reader is an ideal entry-level choice to support a small footprint. The reader is integrated and tested with HID's ActivID® ActivClient, ActivID® Applets, and HID Trusted Tag® Service.

OMNIKEY 5022 is certified under Google Works With Chromebook program, ensuring compatibility with Google ChromeOS devices. It is also certified as IGEL ready for seamless integration with IGEL's endpoint management solutions.

### Common Applications

- Government & Public Sector Security
- Financial Services & Secure Logon
- Enterprise Authentication & SSO
- Healthcare & Clinical Workstations
- Healthcare & Clinical Workstations



### TECHNICAL SPECIFICATIONS

#### Contactless Smart Card Interface

Protocols	T=CL, MIFARE®, iCLASS®, ISO 14443A/B - up to 848 kbps (depending on card), ISO 15693 - up to 26 kbps (depending on card), NFC Tag 1-4* Read/write with FIDO2 NFC Token
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#### Host Interface

USB Interface	USB 2.0 Full Speed Device (12 MBps) USB 3.0 extended operability, tested with hubs/ controllers
Connector / Cable	USB Type A or C connector; 59.1" (150 cm) or 5" (13 cm) cable
Operating Systems	Windows 11/10/8.1/8/7/Vista/Server 2012/Server 2008R2, Windows CE (6/7) depending on hardware, Linux Debian 6.0+ / Ubuntu 11.04+ / Fedora 15+; Open SUSE 11.4+ Mac OS X; Android™ 4.0
Driver	CCID native driver from operating system (Windows/Linux/Mac)
Supported APIs	PC/SC - API

#### Human Interface

Status Indicator	White LED
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#### Housing

Housing	Poly Carbonate Body Light Grey / Cover in different colors available Customer-specific logo or colour on request
Dimensions	59 x 59 x 11,4 mm
Weight	~70 g

#### Operating Conditions

Operating Temperature	0-70°C
Operating Humidity	10-95% rH
Storage Temperature	-40 - 80°C
Meantime Between Failure	500.000 hours

#### Compliance Regulatory

Compliance / Certification	USB 2.0
Regional certifications	CE, UKCA, FCC, UL, KCC, RCM
Environmental	WEEE, RoHS2, Reach

#### Part No. / Model

	HID - OMNIKEY® 5022
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