

HF | NFC - Desktop Reader HID - OMNIKEY® 5022 IP67

- ISO 14443 & NFC/FIDO2 support
- Smooth, seamless housing for easy disinfection
- USB 2.0 full-speed interface with 150 cm cable
- Broad multi-OS compatibility
- IP67-rated



HF | NFC - Desktop Reader Hygienic Contactless Authentication

Built for purity and powerful performance, the HID OMNIKEY 5022 IP67 smart card reader is designed specifically for the sterile and cleanroom environments where hygiene is paramount. With an IP67 rating to ensure it protects against dust and water — and boasting a sleek design for effortless cleaning - this hygiene-optimized desktop reader is ideally suited for medical device manufacturing, pharmaceutical, food manufacturing, biotechnology, aerospace, semiconductor manufacturing, university research and other highly regulated landscapes which require the use of cleaning and disinfection solvents.

Beyond its exceptional hygienic qualifications, the OMNIKEY 5022 IP67 delivers enhanced security and convenience. Contactless technology allows for quick and secure authentication - eliminating the need for physical card contact and reducing the risk of cross-contamination.

Broad technology support makes it compatible with a wide range of existing cards and devices, ensuring seamless integration and harmony within your existing infrastructure. The OMNIKEY 5022 is interoperable with a number of smart card technologies, tags, and NFC, FIDO2. Cleanroom security, authentication and convenience are hallmarks of HID's OMNIKEY 5022 IP67 reader, setting a new standard for versatile, meticulous access within the company's sophisticated sphere of identity verification solutions.

Common Applications

- Healthcare & Clinical Environments
- Pharmaceutical & Biotech Manufacturing
- Cleanrooms & Sterile Production
- Secure Workstation Logon
- Food & Beverage Processing



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 connector; 59.1" (150 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	Body and protective cover: Polycarbonate Body: White/clear protective casing
Dimensions	69.6 x 63.5 x 22.1 mm
Weight	~96 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
Protection Class	IP67
Regional certifications	CE, UKCA, FCC, UL, KCC, RCM
Environmental	WEEE, RoHS2, Reach

Part No. / Model

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