



Logical Access Solutions

OMNIKEY® Smart Card Readers Interactive



Contents

The benefits of strong authentication

Secure access to business-critical and cloud applications any time, anywhere with OMNIKEY® smart card readers

For today's dynamic environments, only an easy to use, simple to manage, strong authentication solution can deliver on the requirements of your organization.

HID Global's ActivID® solutions give you the flexibility you need to support and secure the wide variety of users in your organization, who are using multiple devices to access diverse resources and applications.

The solutions are being used by many of the most security-aware organizations, from government agencies such as the Department of Defense (DoD) to financial and healthcare institutions.

Employees want the convenience of being able to use a single card to quickly and easily access the resources they need to conduct business.

To accomplish this, organizations must deploy **secure solutions** to access seamlessly doors, data and cloud applications.

They must combine the traditionally separate domains of physical and IT security, and management of users' identities and access into one credential.

Highlights

- Complete Interoperability
- Supports any smart card for any application
- Supports all relevant operating systems
- Customized branding
- Worldwide support



[↑ Watch the HID Global Convergence Video](#)

The convergence of IT security and physical access control

Secure access to data, door and cloud applications

Offering the only true **converged access solutions** on the market, HID Global provides you the most comprehensive solution, from the door reader access badge to the appliance and authentication software.

Through its deployment, you can increase the trust you have in your user's identity and effectively protect your organization from the risks of today and tomorrow. As a result, you can securely connect

users from any location through a variety of devices and authentication methods to help them conveniently get what they need, when they need it to confidently drive your business forward.

Truly converged access control consists of one security policy, one credential and one audit log.

This approach enables enterprises to:

- **Reduce costs**
One card management solution for both physical and logical access
- **Improve control**
Enables strong authentication throughout the organisation
- **Deliver convenience**
One device to gain access to all required physical and IT resources
- **Enhance your security environment**
Improve compliance and increase intelligence around who is accessing when and where



Powerful, versatile solutions to support contactless smart cards

Contactless Readers

Ideal for **converged access** to physical and IT resources, computer authentication with mobile phones, log-on applications while accessing patient data. They can also be used in a wide range of applications including mobile payment devices, computer network data security and medical record management.



OMNIKEY® 5021 Reader



- Supports a large range of high frequency credentials and tags as well as most common standards including NFC tags
- Compact form factor allows for use in mobile or space-restricted work conditions (e.g. Computer on Wheels)
- Easy integration in logical access environment

OMNIKEY® 5025 CL Reader



- Low frequency reader supports contactless proximity physical access cards which can be also used for logical access applications
- Supports fat, thin and zero-client environments
- Variety of color options available

OMNIKEY® 5427 Reader



- High frequency and low frequency reader, compatible with virtually any credential on the market
- Keyboard emulation mode, allowing easy integration
- Compatible with iCLASS SE® and iCLASS® Seos® credentials, ensuring interoperability with future technologies

OMNIKEY® 5321 CR USB Reader

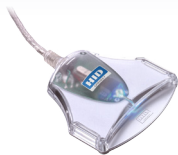


- Waterproof clean room housing
- Supports roaming desktop session
- Contactless login for convenience and high hygiene

High performance smart card readers are designed for desktop use

Contact Readers

Designed with a strong, robust housing, the readers are suitable for all contact smart card operations, such as desktop computer authentication, log-in applications, pre-booth authentication and disc encryption, offering seamless migration, speed and security to the users.



OMNIKEY® 3021 USB Reader

- Adequate solution for enterprise environment
- Supports contact card applications
- Letter size form factor for mass deployment



OMNIKEY® 3121 USB Desktop Reader

- Suitable solution for government and enterprise applications
- Robust housing for desktop operation
- Wide range of accessories



OMNIKEY® 5421 Reader

- Dual interface reader with high frequency contactless and contact card
- Versatile solution for migration
- Professional housing with smart accessories



OMNIKEY® 6121 USB Reader

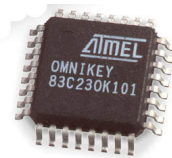
- Suitable for certification authorities
- Dongle size contact only reader
- SIM sized cards

High security and performance for multi-application usage

Including, time and attendance, smart printing, border control, airline check-in, contactless payment and many others

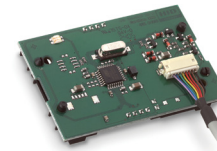
Embedded Readers

Designed for the use of RFID technology in customers' applications, embedded readers enable third party providers to develop solutions with extended lifecycles that are easy to install.



Smart@link

- High performance contact smartcard chip
- Chipset for easy USB smartcard integration
- CCID compliant



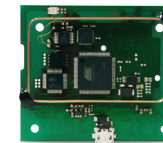
OMNIKEY® 3111/3121

- Ready to use contact card smartcard reader board
- Support for all major operating systems
- Support of serial or USB connections depending on model



OMNIKEY® 5121

- Fully integrated contact and contactless reader 13,56MHz
- Support for ISO 7816 & 14443 including MIFARE®
- Small attractive form factor for easy integration into finished solutions



OMNIKEY® 5127

- High frequency and low frequency reader compatible with virtually any credential on the market including iCLASS®, iCLASS SE® and Seos®
- Fully integrated CCID & keyboard emulation support allowing easy integration without any driver installation and full configuration of data output

Customer Needs and Solutions

Click on the common OMNIKEY® customer needs below to see their solutions



Customer Needs and Solutions

Click on the common OMNIKEY® customer needs below to see their solutions

I want **Windows log-on**



Customer Needs and Solutions

Click on the common OMNIKEY® customer needs below to see their solutions

I want **single sign-on (SSO)**



Customer Needs and Solutions

Click on the common OMNIKEY® customer needs below to see their solutions



Customer Needs and Solutions

Click on the common OMNIKEY® customer needs below to see their solutions

I want **thin-client integration**



Customer Needs and Solutions

I want **Windows log-on** using an **existing physical access card (PACS)**

My card is iCLASS® or MIFARE



- Supports all high frequency standard credentials (all ISO14443/15693)
- Small form factor housing
- Available in different housing colours

OK 5021

My card is HID Prox



- HID Prox
- Full CCID compliant
- Small form factor housing
- Available in different housing colours

OK 5025

My card is high or low frequency



- Autonomous handling of cards in keyboard wedge mode, or
- Support of native CCID
- Supporting broad range of low and high frequency credentials
- Support of Seos® and part of the iCLASS SE® Platform

OK 5427CK

Customer Needs and Solutions

I want **Windows log-on** with **certificate based authentication**

I need a small reader



- Letter size housing
- Ideal for mass deployment
- Full CCID compliant

OK 3021

I need a reader for frequent use



- Desktop housing for one-hand desktop operation
- Full CCID compliant
- Additional mounting options and standing base available

OK 3121

I have a migration scenario



- Dual interface reader
- Contact and high frequency card interface

OK 5421

Customer Needs and Solutions

I want **single sign-on (SSO)** using a **contact smart card**

I need a small reader



- Letter size housing
- Ideal for mass deployment
- Full CCID compliant

OK 3021

I need a reader for frequent use



- Desktop housing for one-hand desktop operation
- Full CCID compliant
- Additional mounting options and standing base available

OK 3121

I have a migration scenario



- Dual interface reader
- Contact and high frequency card interface

OK 5421

Customer Needs and Solutions

I want **single sign-on (SSO)** using a **low frequency contactless smart card**

My card is HID Prox



- HID Prox card only
- Full CCID compliant reader

OK 5025

My card is high or low frequency



- Autonomous handling of cards in keyboard wedge mode, or
- Support of native CCID
- Supporting broad range of low and high frequency credentials
- Support of Seos® and part of the iCLASS SE® Platform

OK 5427CK

Customer Needs and Solutions

I want **single sign-on (SSO)** using a **high frequency contactless smart card**

I am in a desktop environment



- Supports all high frequency standard credentials (all ISO14443/15693)
- Small form factor housing
- Available in different housing colours

OK 5021

I am in a special environment



- Supports all high frequency standard credentials (all ISO14443/15693)
- IP67 waterproof housing
- Ideal for healthcare or cleanroom environments

OK 5321CR

My card is high or low frequency



- Autonomous handling of cards in keyboard wedge mode, or
- Support of native CCID
- Supporting broad range of low and high frequency credentials
- Support of Seos® and part of the iCLASS SE® Platform

OK 5427CK

Customer Needs and Solutions

I want **certificate based authentication** using a **SIM card**

I want to be able to remove the SIM



- Standard SIM card interface
- Card can be ejected

OK 6121

I want the SIM to be fixed



- Standard SIM card interface
- Card is fixed by screw

ActivID® ActivKey® SIM

I also want to read high frequency cards



- Dual interface smart card reader
 - Standard SIM card interface
 - High frequency card interface
- All ISO 14443 A/B and 15693 standard credentials

OK 6321

Customer Needs and Solutions

I want **Windows based thin-client integration** for contactless smart cards

I am in a desktop environment



- Supports all high frequency standard credentials (all ISO14443/15693)
- Small form factor housing
- Available in different housing colours

OK 5021

I am in a special environment



- Supports all high frequency standard credentials (all ISO14443/15693)
- IP67 waterproof housing
- Ideal for healthcare or cleanroom environments

OK 5321CR

My card is HID Prox



- HID Prox card only
- Full CCID compliant reader

OK 5025

My card is high or low frequency



- Autonomous handling of cards in keyboard wedge mode, or
- Support of native CCID
- Supporting broad range of low and high frequency credentials
- Support of Seos® and part of the iCLASS SE® Platform

OK 5427CK

Customer Needs and Solutions

I want **Linux based thin-client integration**

I need a small contact reader



- Letter size housing
- Ideal for mass deployment
- Full CCID compliant

OK 3021

I need a contact reader for frequent use



- Desktop housing for one-hand desktop operation
- Full CCID compliant
- Additional mounting options and standing base available

OK 3121

My card is HID Prox



- HID Prox card only
- Full CCID compliant reader

OK 5025

My card is high or low frequency



- Autonomous handling of cards in keyboard wedge mode, or
- Support of native CCID
- Supporting broad range of low and high frequency credentials
- Support of Seos® and part of the iCLASS SE® Platform

OK 5427CK

Customer Needs and Solutions

I can not install a driver and want to use the **native driver from OS**

I need a small contact card reader



- Letter size housing
- Ideal for mass deployment
- Full CCID compliant

OK 3021

I need a contact reader for daily use



- Desktop Housing for One-hand desktop operation
- Full CCID compliant
- Additional mounting options and standing base available

OK 3121

My card is HID Prox



- HID Prox card only
- Full CCID compliant reader

OK 5025

My card is high or low frequency



- Autonomous handling of cards in keyboard wedge mode, or
- Support of native CCID
- Supporting broad range of low and high frequency credentials
- Support of Seos® and part of the iCLASS SE® Platform

OK 5427CK

Customer Needs and Solutions

I want **easy integration** without additional software

My card is high or low frequency



OK 5427CK

- Autonomous handling of cards in keyboard wedge mode, or
- Support of native CCID
- Supporting broad range of low and high frequency credentials
- Support of Seos® and part of the iCLASS SE® Platform

Customer Needs and Solutions

I need **software** compatible with OMNIKEY® for **single sign-on (SSO)**

EVIDIAN
A Bull Group Company

ORACLE®


AVENCIS

Novell®

2FA
Strong Authentication. Simplified.

 **caradigm™**

passlogix®

 **imprivata®**
OneSign

 **Microsoft**

IBM. **Tivoli.** software

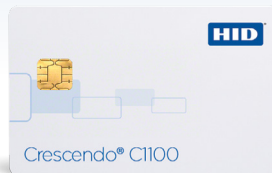
HealthCast
INCORPORATED

HID®

Strong authentication portfolio

HID Global provides the industry's broadest range of smart-card based credentials

Whether you need contact or contactless, dual interface or hybrid, controller or memory based, our expertise will support you in choosing the right smart card related components for your solution.



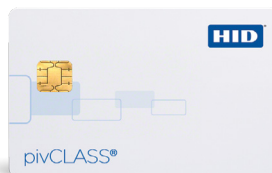
Crescendo® C1100

A multi-application and multi-technology platform designed to address a variety of enterprise and government deployments



Crescendo® C1150

Out-of-the-box smart card for converged access for immediate deployments with Microsoft® mini-driver based applications as well as HID ActivIdentity® products



pivCLASS

pivCLASS Premium Security Dual interface Smart Card for FIPS201 deployments.



iCLASS® Seos®

A multi-application and multi-technology platform designed to address a variety of enterprise and government deployments



ActivClient®

ActivClient allows organizations to protect Windows® workstations and internal networks from unauthorized access. Using ActivClient, IT managers can easily

enforce strong authentication policies when users login to their Windows desktop, or access the organization's network, using a virtual private network (VPN), or remote desktop session.

ActivID® Credential Management System (CMS)

Solution for issuing and managing PIV and PIV-I cards, enterprise access cards and mobile credentials. HID Global's ActivID® Credential Management System provides organizations comprehensive, highly configurable Identity Assurance solutions to meet their unique needs. With HID, organizations can establish trust in the identity of users to securely manage access to all their networks, PCs, in-house, public and private cloud applications, building facilities and other resources.

ActivID® Authentication Server

Gives enterprises, financial institutions, governments, and healthcare organizations a single, coordinated view for logical and physical access, enabling them to efficiently manage various credentials for all of their different users, across all types of devices.

OMNIKEY® Product Selection Guide

OMNIKEY®

Product Selection Guide



	3021	3121	6121	5021	5321CR	5025	5421	6321	5427
Product Description	Contact Smart Card Reader for Mass Deployment	Contact Smart Card Reader for One-Hand Desktop Operation	SIM-size Contact Smart Card Reader	Contactless High Frequency Standard Smart Card Reader	Contactless High Frequency Cleanroom Smart Card Reader	Contactless Low Frequency Standard Smart Card Reader	Dual-Interface Smart Card Reader	Contactless High Frequency Smart Card Reader + SIM	Dual Frequency Keyboard Emulation Smart Card Reader
Use cases									
Authentication to Desktop Computer	✓	✓	✓	✓	✓	✓	✓	✓	✓
Application Log-in (web, e-mail, VPN)	✓	✓	✓	✓	✓	✓	✓	✓	✓
Pre-Boot authentication and disc encryption	✗	✓	✓	✗	✗	✓	✗	✓	✗
Convergence PACS and LACS	✓	✓	✓	✓	✓	✓	✓	✓	✓
- Crescendo*	✓	✓	✓	✗	✗	✗	✓	✗	✗
- Seos*	✗	✗	✗	✗	✗	✗	✗	✗	✓
PC authentication with mobile phone	✗	✗	✗	✓ ¹	✗	✗	✓ ¹	✗	✓
Single-Sign On Healthcare	✗	✓	✗	✓	✓	✓	✓	✓	✓
<small>¹ e.g. Mifare emulation</small>									
Card Interface	Contact	Contact	Contact	High Frequency	High Frequency	Low Frequency	Dual-Interface	Dual-Interface	Dual-Frequency
Contact	ID-1	ID-1	SIM-size ID-000	✗	✗	✗	ID-1	SIM-size ID-000	✗
Contactless High Frequency	✗	✗	✗	✓	✓	✗	✓	✓	✓
Contactless Low Frequency	✗	✗	✗	✗	✗	✓	✗	✗	✓
Credential Support									
HID ICLASS*	✗	✗	✗	✓	✓	✗	✓	✓	✓
HID ICLASS* Seos* (full support)	✗	✗	✗	✗	✗	✗	✗	✗	✓
HID Prox 125 kHz	✗	✗	✗	✗	✗	✓	✗	✗	✓
HID Indala 125 kHz	✗	✗	✗	✗	✗	✗	✗	✗	✓
SE credentials (ICLASS SE/Elite, MIFARE SE, DESFire EV1 SE...)	✗	✗	✗	✗	✗	✗	✗	✗	✓
MIFARE* Classic / Ultralight /DESFire EV1...	✗	✗	✗	✓	✓	✗	✓	✓	✓
NFC Tags Reader/Writer mode ²	✗	✗	✗	✓	✓	✗	✓	✓	✓
<small>² Software needed for NDEF format / not provided by HID</small>				Tag 12.4	Tag 12.4		Tag 12.4	Tag 12.4	
Standards									
ISO 7816 (contact cards)	✓	✓	✓	✗	✗	✗	✓	✓	✗
ISO 14443 A/B (proximity cards)	✗	✗	✗	✓	✓	✗	✓	✓	✓
ISO 15693 (vicinity cards)	✗	✗	✗	✓	✓	✗	✓	✓	✓
<small>¹ CCID on contact interface only</small>									
Driver for PC/SC-API									
OMNIKEY* driver	✓	✓	✓	✓	✓	✓	✓	✓	✓
native CCID driver	✓	✓	✓	✗	✗	✓	✗ ³	✗ ³	✓
Operating Systems									
Windows XP, Vista, 7, 8, Server, CE	✓	✓	✓	✓	✓	✓	✓	✓	✓
Linux, Mac	✓	✓	✓	✓	✓	✓	✓	✓	✓
Android	✓	✓	✓	✗	✗	✗	✗	✗	✗
Miscellaneous									
Keyboard Emulation	✗	✗	✗	✗	✗	✗	✗	✗	✓
Can read PACS bit parsing	✗	✗	✗	✗	✗	✗	✗	✗	✓

[Click here to download this handy product selection guide](#)

Reader Drivers



Certifications



Contacts

For more information about HID Global's OMNIKEY® Logical Access Solutions contact us below:

Customer Service

Click here for customer support:

hidglobal.com/customer-service/contact-customer-service

Technical Support

Click here for complete list:

hidglobal.com/support/call-us

Sales support

Click here for sales support:

hidglobal.com/worldwide-sales-tool

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