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OMNIKEY®
Smart Card Readers
(USB, ExpressCard and PCMCIA)

Base Models: 1021, 3021, 3121, 3621, 3821, 4040, 4121, 4321, 5021, 5121, 5125, 5321, 5325, 5326, 6121, 6221, 6321, 7121

User Guide

3121-905-ENEN, Rev A.4
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This guide describes the HID OMNIKEY® Smart Card Reader installation. Reference your driver documentation (readme) for a list of supported windows versions.

Three types of installation exist:

- Unattended (preferred installation)
- Automatic (internet connection required)
- Manual

Unattended

The Unattended installation is the preferred method. Unattended installation files are found at www.hidglobal.com/omnikey. Optionally, obtain these files from an installation CD (if available).

1. To download the latest HID OMNIKEY Unattended setup drivers, go to: www.hidglobal.com/omnikey, and select **Driver Downloads**.
2. Select your OMNIKEY product and operating system.
3. From the list, select the **Unattended Setup Installer** and confirm the license agreement.
4. Double-click the executable file and follow the instructions displayed in the setup window.

Automatic

Ensure your computer has an online connection to the Internet.

1. Connect the reader to the computer port (USB, ExpressCard, or PCMCIA).
2. Windows detects the new hardware connected to the port (USB, ExpressCard, or PCMCIA) and requests the drivers.
3. After the **Windows Hardware Wizard** opens. Windows requests to connect to Windows Update to search for software, click **Yes, this time only**.
4. The OMNIKEY reader automatically is recognized and the appropriate driver installed through Windows Update.

   The OMNIKEY reader is ready for use.

Note:

If your OMNIKEY reader is CCID compliant, use a native Windows CCID driver to operate the reader. However the native driver does not allow you to utilize the readers advanced features and functions.

Proceed to the **OMNIKEY Workbench** section for testing the installation.

Manual

Note: In addition, download API drivers. The SYNC-API is often required for applications with memory or contactless (HID iCLASS) cards. While the CT-API is often required for PinPad reader use (electronic signature applications), as well as health care applications.

In standard installations, installing these APIs is suggested.

CAUTION:

- **For driver installation local administration rights may be required.**
- **Do not plug-in the OMNIKEY reader into your computer until setup is complete.**

5. Execute the Unattended Setup.EXE file and follow the Install Wizard instructions.

   Note: For uninstalling the OMNIKEY drivers, restart the setup or (from the control panel) use **Add/Remove Programs**.

6. After finishing the installation, plug-in your reader to the port (USB, ExpressCard, or PCMCIA).
7. Windows automatically detects and installs the new hardware connected to the port (USB, ExpressCard, or PCMCIA).

Proceed to the OMNIKEY Workbench section for testing and installation.

For manual driver installation, local administration rights may be required.

Original OMNIKEY drivers must be locally available on your computer (for example, after internet download or from a CD).

1. To download the latest OMNIKEY drivers, go to: http://www.hidglobal.com/omnikey, and select **Driver Downloads**.
2. Select your OMNIKEY product and operating system.
3. From the list, select the driver for download and confirm the license agreement.

   Note: In addition, download API drivers. The SYNC-API is often required for applications with memory or contactless cards (HID iCLASS). While the CT-API is often required for PinPad reader use (electronic signature applications), as well as health care applications.

   In standard installations, installing these APIs is suggested.

4. After downloading the self-extracting file, execute the file to extract the drivers to the local hard drive (default path **c:\HID Global**).

   Note: Drivers have not yet been installed.

5. Select the driver location, click **Next**.