

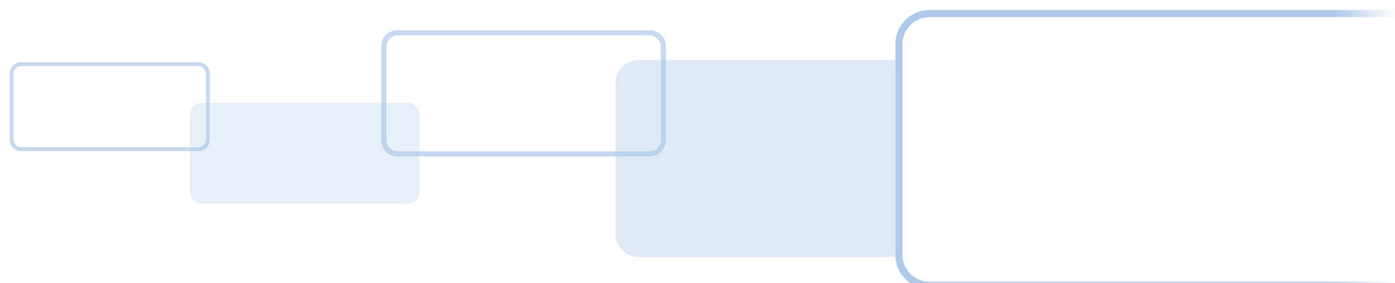
OMNIKEY® 5121 ETHERNET DRIVER

RELEASE NOTES

Driver Version (511133W): 2.1.0.2

PLT-02901, Rev. A.3

February 2020



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Revision history

Date	Description	Revision
February 2020	Release Notes for driver version 2.1.0.2	A.3
August 2019	Release Notes for driver version 2.1.0.2	A.2
July 2019	Release Notes for driver version 2.1.0.0	A.1
June 2016	Release Notes for driver version 2.0.0.1	A

Contacts

For additional offices around the world, see www.hidglobal.com/contact/corporate-offices.

Americas and Corporate	Asia Pacific
611 Center Ridge Drive Austin, TX 78753 USA Phone: +1 866 607 7339 Fax: +1 949 732 2120	19/F 625 King's Road North Point, Island East Hong Kong Phone: +852 3160 9833 Fax: +852 3160 4809
Europe, Middle East and Africa (EMEA)	Brazil
Haverhill Business Park, Phoenix Road Haverhill, Suffolk, CB9 7AE United Kingdom Phone: +44 (0) 1440 711 822 Fax: +44 (0) 1440 714 840	Condomínio Business Center Av. Ermano Marchetti, 1435 Galpão A2 - CEP 05038-001 Lapa - São Paulo / SP Brazil Phone: +55 11 5514-7100

HID Global Technical Support: www.hidglobal.com/support.

1 Scope

These release notes provide information on the OMNIKEY® 5121 Ethernet Driver version 2.1.0.2. Included are product enhancements, fixes, known issues, and limitations since the previous release.

2 New features and enhancements

- The active driver encoder sessions no longer disconnect when adding a new encoder instance.
- Supports retrieval of driver service application status. Accurately reports session status as “Closed” when connection has failed or been terminated by the system.
- Added support for new diagnostics which are accessible via the OMNIKEY 5121 Ethernet Encoder Utility application.
- Added ability to Reset the Encoder Service Thread from the OMNIKEY 5121 Ethernet Encoder Utility application.
- Added the ability to Reset the embedded 5121 device port from the OMNIKEY 5121 Ethernet Encoder Utility application.
- Now ensures that the Encoder Service Thread is properly restarted after every encoder add, update, and restart operation.
- Now reports “Service is Closed - Must Disconnect Session” rather than “Already Connected” when an attempt is made to establish driver Session after the Encoder Service thread has been aborted.
- Added support for the “Run Advanced Diagnostics” option within the OMNIKEY 5121 Ethernet Encoder Utility application.
- Updated the driver utility application About box.
- This version of the driver has been validated against the following FARGO® printers:
 - DTC®1250e / DTC1500 / DTC4250e / DTC4500e / DTCii
 - DTC5500LMX
 - HDP®5000 / HDP5600 / HDPii / HDPii Plus
 - HDP8500
- This version of the driver has been validated against the following operating systems:
 - Windows 10 Anniversary Update and later, 32- and 64-bit with .NET Framework version 4.7.2
 - Windows Server 2012 R2, with .NET Framework version 4.7.2
 - Windows Server 2016 with .NET Framework version 4.7.2
 - Windows Server 2019, with .NET Framework version 4.7.2

- Removed support for .NET Framework version 2.0
 - The .NET Framework version 4.7.2 is now required for installation on the server or workstation platform.
 - If the current OS platform does not support .NET Framework version 4.7.2 then the user is notified by the installer and the installation is terminated.
 - If the current OS platform enables support for .NET Framework version 4.7.2 but that support has not yet been installed, the installer presents the user with the option to download and install the .NET Framework version 4.7.2.

3 Known issues

- The version of the OMNIKEY Ethernet Driver User Guide (L001436W) installed with the driver corresponds to version 2.0.0.1 of the driver and does not document the new diagnostic tab and features in the OMNIKEY 5121 Ethernet Encoder Utility.
- When using contactless cards with the OMNIKEY 5121 Ethernet Driver, the card may be identified as present in the Contact Card Slot and reported as “failed to initialize”. This issue may be worked around, when necessary, by disabling the Contact Card Slot using the OMNIKEY 5121 Ethernet Encoder Utility.
- When the Uninstall OMNIKEY 5121 Ethernet Driver application is used to remove the driver, all software components of the driver are removed from the local computer. Microsoft Windows maintains an archived copy of the driver in its internal driver database. This archived version should pose no problems for you unless an attempt is made to revert to an older version of the driver. In this case, Microsoft Windows may not install the older version of the driver until after the newer version has been manually removed from the driver database.
- When using the OMNIKEY 5121 Ethernet Encoder Utility to either install a new encoder instance or to reconfigure a previously installed instance, it is possible that Microsoft Windows may report that an operating system restart is required. After the system restart, you must verify that the new or reconfigured encoder instance is able to correctly establish an encoder session. If this new or the reconfigured encoder instance fails to establish an encoder session, then the encoder instance must be manually deleted and added back using the OMNIKEY 5121 Ethernet Encoder Utility.

