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**RELEASE NOTES**

RELEASE DATE: March 15, 2019

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| --- | --- | --- | --- |
|  | Datacolor Instrument Driver 4.1.0.5 | | |
| MEDIA PART NUMBERS | |  |  | | --- | --- | | Application DVD: | **DOWNLOAD ONLY** | | | Replaces version 3.0.0.6 |
| TOP LEVEL P/N | None |  | |
| RELEASE TYPE | [] NEW: [X] UPDATE: [ ] SPECIAL | | |  |
| DOCUMENTATION | [ ] NEW: [ ] UPDATE:  Tutorial video for datacolor TOOLS | | |
| RECOMMENDED CONFIGURATION  Not to limit performance | |  |  |  | | --- | --- | --- | | **Component** | **Recommended** | **Notes** | | Processor | Dual Core processor | 1 | | Memory RAM | 8 GB | 1 | | Free Hard Drive Capacity | 500 GB | 1 | | Video Resolution | True Color | 2 | | Available Ports | (1) RS-232 Serial (for older spectrophotometers)  (4) USB | 4 | | Operating System | Windows 7 (32 or 64 bit)  Windows 8.1 (32 or 64 bit)  Windows 10 (32 or 64 bit) | 5 | | Server OS | Microsoft Server 2008R2  Microsoft Server 2012  Microsoft Server 2016  Citrix Client XenApp 6, 7 (see operational notes | 6 | | Notes:  1) Minimum system configurations may limit performance, data capacity and operation of some features. Faster processor, more memory and faster hard drives will significantly enhance performance.  2) Accurate on-screen color display requires monitor calibration and true-color video mode.  4) Datacolor spectrophotometers use either an RS-232 Serial or USB connectors. Datacolor Spyder5™ requires a universal serial bus (USB) connection.  Printer port requirements (Parallel or USB…) depend on the specific printer selected.  5) Windows 32 bit and 64 bit operating systems are supported.  64 bit hardware running Windows 32 bit operating system is supported.  6) Windows 64 bit operating system is supported.  Windows Server 2008 R2, 2012, 2016 is supported. | | | | | |
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Table of Contents

[Product Name 3](#_Toc4576820)

[Product Version 3](#_Toc4576821)

[Reason for Release 3](#_Toc4576822)

[What's in the Box 3](#_Toc4576823)

[Datacolor Applications Compatibility 3](#_Toc4576824)

[Software License Requirements – None for instrument driver 3](#_Toc4576825)

[Supported Languages 3](#_Toc4576826)

[Operating System Compatibility 3](#_Toc4576827)

[64 bit Operating Systems 3](#_Toc4576828)

[Common Components - verified in 4.1.0.5 3](#_Toc4576829)

[OPERATIONAL NOTES 4](#_Toc4576830)

[Bug Fixes since the previous release of Datacolor Instrument Driver 3.0.0.6 6](#_Toc4576831)

[Features since the previous release of Datacolor Instrument Driver 3.0.0.6 6](#_Toc4576832)

[Deferred Bugs 6](#_Toc4576833)

# Product Name

Datacolor Instrument Driver

# Product Version

**4.1.0.5**

# Reason for Release

Datacolor Instrument Driver 4.1.0 5 is a maintenance release of Instrument Driver v. 3.0.0.6. This driver has merged changes for the previous 3.0.0.6 driver and the SpectraVision driver version in Tools SV 1.1.

## What's in the Box

N/A

# Datacolor Applications Compatibility

Datacolor Instrument Driver 4.1.0.5 has been tested with Datacolor Paint 2.8, Datacolor Tools 2.3.3, 2.4, Match Pigment 4.0.5 and 4.1, and Match Textile 2.5. and 2.5.1

## Software License Requirements – None for instrument driver

# Supported Languages

|  |  |  |
| --- | --- | --- |
| English | Simplified Chinese | Polish |
| German | Traditional Chinese | Portuguese |
| French | Japanese | Turkish |
| Italian | Spanish |  |

# Operating System Compatibility

Datacolor Instrument Driver 4.1.0.5 is Windows 7, Windows 8.1 and Windows 10 compatible.

# 64 bit Operating Systems

Datacolor Instrument Driver 4.1.0.5 is Windows 64 bit operating system compliant. The 32 bit Datacolor Instrument Driver 3.0.0.6 runs on 64 bit OS through WOW64 technology.

## Common Components - verified in 4.1.0.5

Datacolor Spectrum Components = 1.0.0

Instrument drivers= 4.1.0.5A

Windows Driver Package-Datacolor (usbser)Ports (07/18/2013 1.0.0.0)

Windows Driver Package-Datacolor (usbser)Ports (11/17/2011 1.0.0.0)

Windows Driver Package-Datacolor (dcscusb )USB (05/21/2009 2.0.0.14

FTDI CDM Driver (8/16/2017 2.12.28)

# OPERATIONAL NOTES

Citrix Xenapp 7.x client to a Server:

To use ***datacolor*** instruments with **Citrix Xenapp7 Desktop** via USB connection a registry change must be applied to the local computer.

Registry entry:

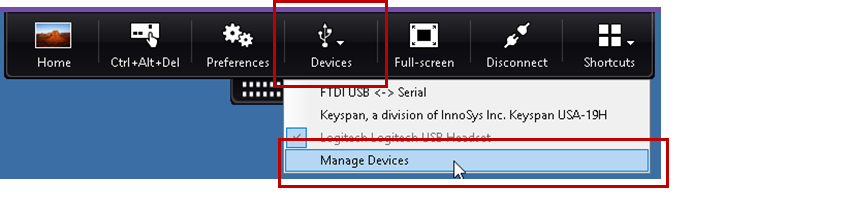
**[HKEY\_LOCAL\_MACHINE\SOFTWARE\Policies\Citrix\ICA Client\GenericUSB]**

**"DeviceRules"="ALLOW: VID=085C #datacolor"**

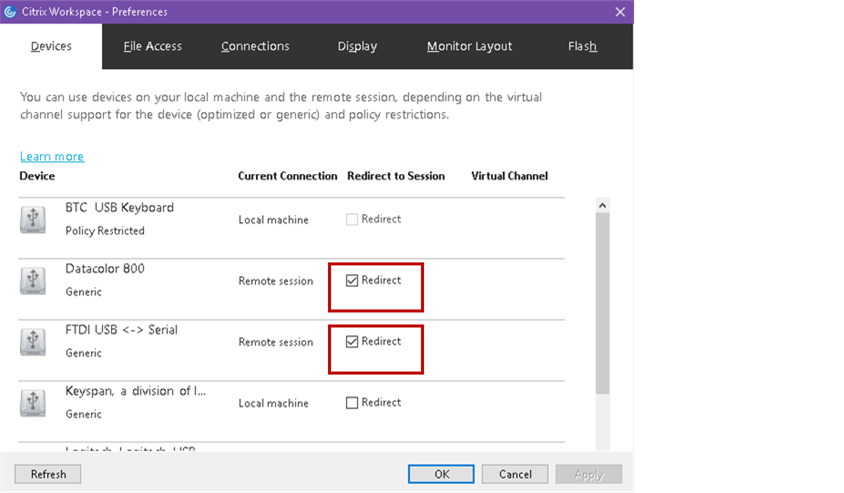
On the **local computer** (the computer that the USB cable from the instrument is plugged into) place the attached .reg file and double-click to make the registry change. Without this change, DC800 series and Portable series instrument will not be seen by the Citrix Desktop.

COM port mapping using the **net use** command **does not apply** to datacolor instruments connected via **USB**.

After connecting to the **Citrix Desktop**, click the **Devices** button in the **Citrix Toolbar** and select **Manage Devices**:

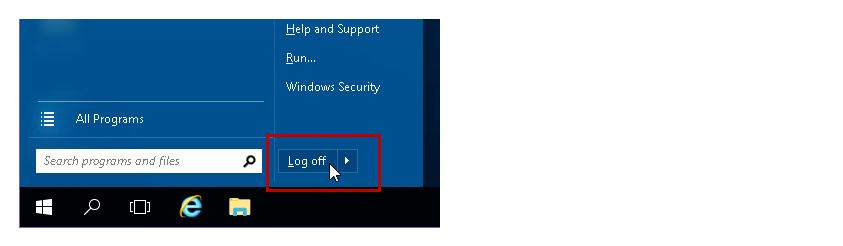


In the **Devices** window, mark the checkboxes for the devices you want to access:



Note that the device **FTDI USB <-> Serial** is used for all Universal Board instruments (DC110, DC600, etc.)

When you are done with your **Citrix** session, ***do not click the Close box on the Desktop Viewer window***. Instead, be sure that you choose **Log Off** (Sign Out) from the **Start** menu:



This includes updated FTDI drivers for compatibility with Windows Server 2012 and Windows 2016

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When installing on Windows Server 2012 or Windows 2016 you must first uninstall any existing

FTDI driver before running the Instrument Driver Installer.

On Windows, in Apps & Features settings, search for FTDI and uninstall these two items:

• Windows Driver Package - FTDI DCM Driver Package - VCP Driver (01/18/2013 2.08.28)

• Windows Driver Package - FTDI DCM Driver Package - Bus/D2XX Driver (01/18/2013 2.08.28)

Instrument USB Driver component, installation prior to v. 4.1.0.5

The **FTDI driver** which is installed for **USB** connection to **Universal Board** instruments (110, 600, 650, etc) is not compatible with **Windows Server 2012 and Windows 2016**.

After installing prior Instrument Driver on any 2012 or 2016 system, **update the FTDI driver** using the following FTDI installer **before** plugging in any Universal Board instrument

<https://www.ftdichip.com/Drivers/CDM/CDM21228_Setup.zip>

If the FTDI driver is not updated, when a Universal Board instrument is plugged in to USB the system will Blue Screen. On CITRIX this manifests as the system freezing and then losing connection. CITRIX never actually displays any status to the user (no Blue Screen).

# Bug Fixes since the previous release of Datacolor Instrument Driver 3.0.0.6

|  |  |  |
| --- | --- | --- |
| **ID** | **Title** | **Salesforce ID** |
| [73896](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=73896) | Measurement Conditions Panel Is Not Updated |  |
| [74449](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74449) | [CITRIX7] USB port cannot be mapped to Host USB port and be configured for instrument. |  |
| [74589](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74589) | Instrument On Selected Port Is Not The Desired Model |  |
| [74691](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74691) | DC 650 does not show calibration successful tab after calibration. Tools crash on measuring Std. |  |
| [74692](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74692) | Serial number should be auto filled upon selecting COM port with instrument. |  |
| [74694](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74694) | 'Current Instrument' is shown as blank on instrument setup for already configured one. |  |
| [74702](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74702) | Serial number is asked while adding an instrument with Ethernet connection when wrong IP address is entered. |  |
| [74703](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74703) | Any erroneous changes done to 'Instrument Setup' and then measuring Std crashes Tools. |  |

# Features since the previous release of Datacolor Instrument Driver 3.0.0.6

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| --- | --- | --- |
| **ID** | **Title** | **Salesforce ID** |
| [74235](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74235) | Intelligent Serial Port Selection When Adding Instrument |  |
| [74593](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74593) | Calibrate Window Identifies Instrument Model |  |
| [74594](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74594) | Add Instrument dialog: serial port droplist displays only existing ports and indicates attached datacolor instruments |  |

# Deferred Bugs

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| --- | --- | --- | --- |
| **ID** | **Title** | **Salesforce ID** | **Found In** |
| [74939](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74939) | Unable to connect Check 3 and 20 D with Tools via Bluetooth. |  | 1.8.0.3, 4.1.0.5 |
| [74698](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74698) | Serial numbers should be checked while adding multiple instruments of same type, in case their IP tends to become same over the period of time. |  | 4.1.0.4 |
| [74699](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74699) | 'Instrument On Selected Port Is Not The Desired Model' user message needs tweaking. |  | 4.1.0.4 |
| [74700](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74700) | 'More' button on Instrument setup should align with its text. |  | 4.1.0.4 |
| [74887](http://dci-tfs2012:8080/tfs/web/wi.aspx?pcguid=265eac52-a97d-4060-a5b0-70b30e69346e&id=74887) | Entering Instrument Setup through instrument menu option or home bar button, shows Single tab highlighted, with instrument setup below it. |  | 4.1.0.5 |