



KIP Windows Universal Driver

Installation & User Guide

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1 Introduction

The new generation KIP System K Windows Driver® is Microsoft WHQL certified, meeting exact standards of reliability and quality. The functional and intuitive graphic user interface and expanded features provides the user with a wide range of standard and special functions when printing from Windows based applications

The Version 4 Windows driver is designed for local installation in the absence of a shared printer environment for ease of installation and to improve the user experience.

The KIP System K Windows Driver[®] can be used with the entire range of KIP Printers from any Windows based application for both Color and B&W print applications.

2-way communication with KIP systems Displays current media information and real time system status Label documents with username, job number and data tracking information Job accounting and data tracking information

1.1.1 Requirements:

The KIP Windows driver for KIP System K is WHQL certified for

- Windows 10 64 bit
- Windows 11
- Windows Server 2016
- Windows Server 2019
- Windows Server 2022

NOTE:

Microsoft .Net Framework 4.8 is required on all operating systems to be included in the driver package (distributable).

1.1.2 Supported Operating Systems

- Windows 10 64 Bit
- Windows 11
- Windows Server 2016

- Windows Server 2019
- Windows Server 2022

2 WPD Loaded Locally

Installation and Setup (Automatic)

The Following section describes the Installation of the KIP System K Windows Driver® Please follow the Stepby-step procedure for correct installation.

Step	Action	Illustration
1.	Open the Universal Windows Driver folder and double click the icon. Please Note: This driver is designed to be installed locally at each workstation.	SYSKUniversal PrinterDriver.e xe
2.	If asked to authorize select "Yes".	User Account Control × Do you want to allow this app to make changes to your device? SYSKUniversalPrinterDriver Verified publisher: KIP America, Inc File origin: Hard drive on this computer Show more details Yes No
3.	The installer will search the network for System K printers. All discovered KIP System K printers will be displayed in the "Discovered IP Address" dropdown. Once the IP is selected from "Discovered IP Address" dropdown menu, the other fields will populate automatically. Click Begin to commence installation. Please Note: The Universal WPD only installs in postscript mode. No GL mode is available.	Image: System K: Universal Windows Printer Driver Installation v22.519.1150.0 Image: System K: Universal Windows Printer Driver Installation v22.519.1150.0 Image: System K: Specify Printer Name: KIP 7170K Image: KIP SySTEM K: SOFTWARE: Installation or IP Address: DNS Hostmane: Installation 7170K-RD.KIP.HQ Image: KIP System K: Specify Printer Name: Installation or IP Address: DNS Hostmane: Installation Trype: Installation or IP Address: DNS Hostmane: Installation Trype: Installation or IP Address: DNS Hostmane: Installation or IP Address: DNS Hostmane: Installation Trype: Installation or IP Address: DNS Hostmane: Installation or IP Address: DNS

Step	Action	Illustration
4.	Once Complete the driver installation will display Success! A message to reboot may also be displayed.	Image: Start
5.	When Done Installing select the "Quit" button to Close the installation.	Quit
6.	REBOOT THE WORKSTA	TION IF PROMPTED – THIS STEP MUST BE DONE!
7.	The Driver is now installed and should be present in the Printers & Scanners screen	KIP 7170K

3 Installing the Universal Windows Driver Manually

The following section describes the manual installation of the KIP System K Windows Universal Driver[®]. Please follow the Step-by-step procedure for correct installation

Step	Action	Illustration
1.	There are a couple of ways to start: 1. Type Printers and Scanners into the search bar. Select the Printers and scanners option.	Best match Printers & scanners Spacen settings Settings Printers & scanners System settings
	2. Open Control Panel and select Devices and Printers.	All Control Runel Items - X ← → ← P Adjust your computer's settings View by: Large icons +
	The following steps are using Control Panel.	Administrative Tools Imager AutoPlay Imager AutoPlay Imager Imager Imager
2.	Select Add a Printer	 Gevices and Printers ← → ▼ ↑ Gevic ∨ Č Add a device Add a printer
3.	Select "The printer that I want is not listed".	Add a device Choose a device or printer to add to this PC Select a device The printer that I want isn't listed Next Cancel

Step	Action	Illustration
4.	Select "Add a local printer or network printer with manual settings". Select Next	Find a printer by other options My printer is a little older. Help me find it. Find a printer in the directory, based on location or feature Select a shared printer by name Example: \\computername\printername\printername\printer Add a printer using a TCP/IP address or hostname Add a local printer or network printer with manual settings Next Cancel
5.	Select "Create a new port". Set the "Type of port" to Standard TCP/IP Port Select Next	Choose a printer port Add Printer Choose a printer port A printer port is a type of connection that allows your computer to exchange information with a printer. O Use an existing port: LPTI: (Printer Port) Create a new port: Type of port: Standard TCP/JP Port Next Cancel
6.	When the Type a printer hostname or IP address window opens enter the KIP Printer's Hostname or IP Address and select Next.	X Control C

Step	Action	Illustration
7.	Select the Have Disk Button Select Next	Add Printer Install the printer driver Choose your printer from the list. Click Windows Update to see more models. To install the driver from an installation CD, click Have Disk. Manufacturer Printers Adobe PDF Converter Version: 15.10.0 [11/25/2019] RORCA MINOLIA This driver is digitally signed. Tell me why driver signing is important Manufacturer Cancel Cancel
8.	Browse to the location of the KIP Windows Universal Driver Folder. Open the folder and then open the "DRIVER" folder.	Locate File Look In: Universal Printer Driver Ourick access DRIVER Desktop Libraries Libraries Network File name: Instruction File name: Setup Information ("Inf)
9.	Select the KipV4Win.inf and select Open	Locate File Look in: Dalking Name Status Det modified Status Status

Step	Action	Illustration
10.	This will add the Driver to the Manufacturer list. Scroll down and select KIP from the list. And then scroll down and select the V4 Driver.	Add Printer Install the printer driver Choose your printer from the list. Click Windows Update to see more models. To install the driver from an installation CD, click Have Disk. Manufacturer Printers OP 9900 Series OP 97000 Pr Printers Print
11.	Name the Printer and select Next	Add Printer Type a printer name Printer name KKP Universal Printer Driver This printer will be installed with the KKP System K V4 driver. Ness Cencel
12.	Select if the printer is to be shared and select Next. Note: a local install of this driver is strongly recommended	Add Printer Printer Sharing Hyou want to share this printer, you must provide a share name. You can use the suggested name or type a new one. The share name will be visible to other network user. Do not share this printer Do not share this printer i Do not share this printer i Control on that others on your network can find and use it Diver name Location Comment Next Cancel

Step	Action	Illustration
13.	Print a test page if desired and then select Finish	Add Printer You've successfully added KIP Universal Printer Driver Set as the default printer To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page. Print a test page Touch Cancel
14.	Confirm printer instance has been added to Printers and Scanners.	 ✓ Settings ✓ Home ✓ Find a setting ✓ Devices ✓ KIP 7170K ✓ Bluetooth & other devices ✓ KIP 7970K Offline ✓ Printers & scanners ✓ KIP 800 ✓ Mouse ✓ Tvoino
15.	PLEASE NOTE	<text></text>

4 Uninstalling the Windows Driver – Automatic

The following section describes the automatic Uninstallation of the KIP System K Windows Driver[®]. Please follow the Step-by-step procedure for correct uninstallation

Step	Action	Illustration
1.	Open Control Panel	Control Panel
2.	Open Devices and Printers	Devices and Printers
3.	Select the KIP Printer and right click on it. Select Remove Device.	 Printers (10) Adobe PDF Fax KIP 800 See what's printing Set as default printer Printing preferences Printer properties Create shortcut Remove device Troubleshoot Properties
4.	When asked "Are you sure you want to remove this device" select Yes. This will remove the printer instance.	Remove Device Are you sure you want to remove this device? KIP 800 Yes No

Step	Action	Illustration
5.	Next select any Printer Icon. This will allow for the Selection of Print Server Properties from the top menu.	Add a deviceAdd a printerSee what's printingPrint server propertiesRemove device \bullet Devices (10) \bullet
6.	Select the Ports Tab and scroll to the KIP Printer that was just removed. And select Delete Port.	Print Server Properties X Form Ports Drivers Security Advanced Image: DDIG8888P84 Image: DDIG8888P84 Image: DDIG8888P84 Ports on this server Port Description Printer SystemK-10.10.1.129 Standard TCP/IP Port SystemK-10.10.1.129 Standard TCP/IP Port SystemK-10.10.1.129 Standard TCP/IP Port SystemK-10.10.1.12 Standard TCP/IP Port SystemK-10.10.1.12 Standard TCP/IP Port SystemK-10.10.1.12 Standard TCP/IP Port SystemK-10.10.1.12 Standard TCP/IP Port Image: Port Port Image: Port Port PORTPROMPT: Local Port OneNote (They Y S Add Port. Delete Port Configure Port. Add Port. Image: OK OK Cancel Apply
7.	Select OK to Delete the Printer.	Delete Port × You are about to delete the port named SystemK-10.10.1.182. You can add the port back later, if you wish. OK Cancel

Step	Action	Illustration
8.	Select the Drivers Tab, select the KIP V4 driver and then select Remove	
9.	Next, select "Remove driver and driver package. Select OK	Remove Driver And Package Do you want to remove the driver(s) only, or remove the driver(s) and driver package(s) from your system? Remove driver only. Remove driver and driver package. OK Cancel
10.	Select "Yes" for the following message.	Print Server Properties × Deleting this printer driver package will remove it from the system. Are you sure you want to delete KIP System K V4? Yes No

Step	Action	Illustration
11.	Once the driver package information is collected select Delete. This will remove the Driver and its installation package from the workstation. Reboot the workstation if asked to do so.	Remove Driver Package Driver package information collected. The following package(s) will be deleted: kipv4win.inf (x64) The following driver(s) will be deleted: KIP System K V4 (x64) Delete Cancel

5 Printing Preferences



6 Printing Preferences – Main Screen

Component	Function
1. User Name	USER NAME TJanisse
	If accounting is not active (Users are not asked to login) the software will use %username% and pull the name of the person currently logged in. If accounting is active (Users are asked to login) the username entered will be used.
2. Project	PROJECT
	The Project field is used for accounting purposes, this can be a simple required entry box, a simple dropdown box with a selection of project names/numbers or a dropdown with a selection of project names/numbers with passwords that are required.
3. Department	DEPARTMENT
	The Department field is used for accounting purposes, this can be a simple required entry box, a simple dropdown box with a selection of department names or a dropdown with a selection of department names with passwords that are required.

Component	Function
4. Copies	
	Allows for the selection of the number of copies to be printed.
5. Page Size	PAGE SIZE ISO B1 707x1000 ISO B2 500x707 ISO B2 500x707 Arch. D 24x36 ANSI E 34x44 ANSI D 22x34 ANSI D 22x34 ANSI B 11x17 ANSI B 11x17 ANSI A 8.5x11 Arch. E 36x48 Arch. E 130x42 Arch. D 24x36
	Allows for the selection of the size the document is to be printed.
6. Color Mode	Color Mode Color Mode Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color Color
	Set Color Mode, Choose from Black and White (1bit), Gray (8bit) and Color (24bit) modes for printing.

Component	Function
7. Quality	QUALITY X QUALITY X CAD Graphics Photo OK
	Choose from default Print Quality settings:
	• CAD
	Graphics
	Photo
	Custom Print Quality Presets (if available)
8. PS Preset	PS PRESET PS PRESET Default PS PRESET CK CK PS PRESET CK PS PRESET CK PS PRESET CK PS PRESET CK PS PRESET CK PS PRESET CK PS PRESET CK PS PRESET CK PS PRESET CK PS PRESET CK PS PRESET CK
	Allows for the selection of a Postscript preset other than the Default.
9. Collation	Collation Collation Smart Stacking OK
	Allows for the collation of sets. Select from Default, Off, On, Reverse and Smart Stacking.
	On = 1, 2, 3
	Keverse – 3, 2, 1 Smart Stacking – First page always on ton, regardless of paper syit
	(Default).

Component	Function
10. Media Type	MEDIA TYPE X Bond Bond Vellum Matte Film Gloss Standard Bond 32 lbs Presentation Bond
	Allows for the selection of available media currently loaded in the KIP Printer. Available medias will be listed in the selection window.
11. Media Source	MEDIA SOURCE Auto MEDIA SOURCE Auto OK
	Select from Roll or Cut Sheet (if active and available)
12. Color Adjustment	COLOR ADJUSTMENTS
	Brightness – Slider controlls brightnes from -20 (dark) to +20 (light).
	Green to Red Adjust – Slider controlls Gren to Red color from -20 (Green) to +20 (Red).
	Blue to Yellow Adjust – Slider controlls Blue to Yellow colors from -20 (Blue) to +20 (Yellow).
	Note: If the the windows driver is used in Black and White mode these sliders do not affect the output.
13. Mirror	MIRROR MIRROR Off Off OK OK
	Allows the user to Mirror the image on the output file.

Component	Function
14. Scaling	SCALING X X 1:1 100 % X X X
	Allows for the selection of Pre-Configured sizes or the entry of a specific Percentage.
15. Alignment	ALIGNMENT ALIGNMENT Left Center Right OK
	Choose from: Left Right or Center
16. Add Margin	ADD MARGIN
	Choose from:
	None: No change is made
	Shrink Image: Increasing the margin (Left, Right or Top, Bottom) will keep the same paper size but shrink and scale the image to fit
	Clip Image: Adds to the edges of the drawing but does not change its size or scale
	Expand Page: Drawing will keep the same image size/scale but will add white space to the page

Component	Function	
17. Remove Border	REMOVE BORDER	
	Allows the user to enable the ability to remove any white borders.	
18. Stamp	STAMP No Stamp OK	
	Allows for the selection of a specific stamp to be applied to all sheets printed in the job.	
19. Separator	SEPARATOR SEPARATOR None None OK	
	Job Separator – Job Separator prints after the entire job has finished	
	Set Separator - Set Separator prints after each set has finished Job and Set – Separator prints after each Set/Job has finished	

Component	Function
20. Exit Tray	Finishing Auto Auto
	Allows for the selection of available finishing options, Top, Rear, Fold (if a folder is attached). Note: on the KIP 970 there is no Front option.
21. Secure Print	SECURE PRINT X PIN Off OK
	Secure Print has the following options:
	• None - Job is sent to the printer and prints out.
	• Pin - Allows for the entry of a code number (up to four digits) to be entered. If used this code will be necessary to release the files at the printer user interface.
	 User – When selected job will be sent with the Users name. It will be necessary for that user to login on the KIP touchscreen to release the job.
22. Show More/Show Less	SHOW MORE SHOW LESS
	Used to Collapse or expand the main properties window of the Driver.



Component	Function	
26. Media	MEDIA Bond 36 in: 100% 32 lbs Presentation Bond 36 in:	
	Displays real time status of the available media currently loaded in the KIP Printer	
27. OK/Cancel	OK Cancel	
	OK - Set changed settings.	
	Cancel - Closes out of the screen	
28. Options		
	Options - Displays available Options (see section below for explanation of Options)	
	X – Closes window	

Component	Function	
Component Options (details) Preferences a. Enable SNMP. SNMP Community: Public (can be edited) b. Save changes made by applications Print Time Preview a. On – Off by default File Output b. Add XML settings File Output b. Add XML settings Driver Version – Displays Current Driver Version Language Note: The "Enable SNMP" is on by default. This allows the KIP Windows Driver to wake the printer from sleep mode if Sleep modes are used.	SETTINGS PREFERENCES Enable SNMP SNMP Community: public Save changes made by applications PRINT TIME PREVIEW On FILE OUTPUT Add XML settings 	čeština Deutsch Eλληνικά English English (United Kingdom) español español (Estados Unidos) suomi français français (Canada) magyar italiano 日本語 한국어 Nederlands polski português română pyccкий slovenščina ¹ мш Türkçe 中文(中国)
	Version: 22.519.1850.0	中文(台灣) DK
29. Driver Name	KIP Universal Printe	er Driver

7 Driver Use

Please note: The setting "Detect Color" that can be applied to KIP Applications does not apply to Windows drivers. For Black and White, Greyscale or Color output the output mode needs to be selected.

7.1 Using the Driver from Adobe - Example

In this example Adobe Pro X will be used.

Step	Action	Illustration
1.	Open the Adobe Application	Adobe Acrobat XI Standard
2.	Go to File and then to "Open" or select from the "Open a Recent File" selection.	Addate Accelet Set Vow Vindow Help Conde Conde
3.	Go to File and Select Print and choose the KIP Universal Printer Driver.	Print Printer: KIP Universal Printer Driver Properties
4.	To use the available options, select the Properties button.	Properties

Step	Action	Illustration
5.	Once the Properties button opens make desired changes.	INTER INTER INTER INTER
6.	Select Show More for more options.	SHOW MORE Note: see the Above section for descriptions of options.
7.	Select OK	ОК
8.	Select Print to send the File to the KIP Printer.	Print

7.2 Using the Driver from AutoCAD - Example

Please note: The setting "Detect Color" that can be applied to KIP Applications does not apply to Windows drivers. For Black and White, Greyscale or Color output the output mode needs to be selected.

For this example, AutoCAD 2018 was used.

Step	Action	Illustration
1.	Open the AutoCAD Application	AutoCAD 2018 - English
2.	Click on the "A" in the top Left corner. When the Drop-down window opens select Print.	Print
3.	Select the KIP Printer Driver From the available printers list.	Print Printer: KIP Universal Printer Driver V Properties
4.	To use the available options, select the Properties button.	Properties
5.	Select the Custom properties button	Custom Properties

Step	Action	Illustration
6.	Once the Properties button opens make desired changes.	COLOR MODE COLATION COLATION COLATION COLATION COLATION COLATION COLATION Color MEDIA TYPE Sodo SHOW MORE TEMPLATES Media type Color Media type Color Media type Color Media type Color Color Media type Color Color <
7.	Select Show More for more options.	SHOW MORE Note: see the Above section for descriptions of options.
8.	Select OK	ОК
9.	Select Print to send the File to the KIP Printer.	Print