Win 7 - STIMA CLS / CMP Driver Installation Quick Guide

This guide is intended to demonstrate a quick installation and setup of ticket alignment under Windows 7 for the Stima CLS and CMP printers using the USB interface. The process is the same for both 200 and 300 dpi variants.

*** DO NOT PLUG THE USB CABLE INTO THE PC UNTIL PROMPTED TO DO SO ***

Step 1 – Prepare Windows for Installation

Prior to installing the driver check the following Windows settings.

1. Ensure the Windows user logged in has Administrative rights under windows and has permission to use and manage USB flash drives and devices.

2. Goto System in the Control Panel and select "Advanced System Settings".

Select the "Hardware" Tab.

Select "Device Installation Settings" button.

N	Hardware	1	C L D L P	
Computer Name	naiuwaie	Advanced	System Protection	Remote
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on y	your compute	er. Use the D	the hardware device: evice Manager to chi	
proj	perties of any	y device.		
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On the next Window, choose the option: "No, let me choose what to do". Then select: "Never install driver software from Windows Update.". Select "Save Changes" button.

Device Installation Settings
Do you want Windows to download driver software and realistic icons for your devices?
 Ves, do this automatically (recommended) No, let me choose what to do
 Always install the best driver software from Windows Update. Install driver software from Windows Update if it is not found on my computer.
 Never install driver software from Windows Update. Replace generic device icons with enhanced icons
Why should I have Windows do this automatically?
Save Changes Cancel

3. Download the latest driver for your device from the Downloads Area of the Stimare website. Currently located at <u>www.stimare.net</u>

Step 2 – Driver Installation

1. Run the Driver Installation Wizard and select "Next" button.



2. Select "Yes" to agree to the terms and conditions of the driver installation.

-					
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select No		ose. To install Stir	License Agreement? nare - Driver Installat		rint

3. Select "Next" button to confirm the driver installation Package Contents.

nstallatio Vizard	Driver Installation Wizard Copyright(C) 2011-12 STIMARE LIMITI All Rights Reserved	ED in conjunction with C
	Please see the license agreement inclu	ided in the license dialog
	System Requirements	
	Operating System: Windows® XP H Windows® XP Profession Windows® Vista (User A	nal Edition
TIMARE		•

4. Select the Printer to install and Select "Next" button.

InstallShield Wizard	
Driver Installation Wizard	Select printer to install:
STIMAR <u>e</u> O	
InstallShield	< Back Next > Cancel

5. Choose the "Standard Driver" option and select "Next" button.

Select Components	
Andrea	Select Driver type:
	FULL Driver (Rel: 1.03.0.0)
Installation	STANDARD Driver (Rel: 1.03.0.0)
	FULL DRIVER:user-friendly software including standard driver info, status monitor, diagnostic, printer upgrade and setup, notch management.
	< Back Next > Cancel

6. Confirm the Printer is switched ON, and the USB cable is NOT connected to the computer. Select "Next" to continue.



7. Select option "3" for the Universal Serial Port.

Driver Installation Wizard -	rel.:2.08	
Driver Installation Wizard		nnections which port type is used for the
STIMARE	-Lpt Port Parallel Port	Ethernet Port
	< Back	Cancel Close

8. Plug the USB cable into the computer and the installation will commence.

X

Driver Installation Wizard - rel.:2.08

Driver	Installation Progress
Installation Wizard	Follow instructions to complete driver installation
	Please plug Printer to continue installation
STIMARE	
	< Back Cancel Close

9. You may be displayed warning messages from Windows during the installation process. Please select to "Install this driver software anyway" if these appear.



10. Once completed, you will be asked if you would like the printer to be the Default Printer on this computer. This is optional but is frequently required by many ticketing systems to enable them print directly to the printer.

Verify the printer is installed by going to "Devices and Printers". You should see your new printer listed on this screen as either "STIMA" or "STIMA 200" depending if using 300 or 200 dpi models.

Continue to the next step to configure your Windows Driver for your ticket stock.

Step 3 – Windows Settings and Driver Configuration

Notch Distance 17mm Terms and Conditions The Managen ent reserves the right to refuse admission. Latecomers may not be admitted until a FEED DIRECTION Width 75mm suitable break in the performance. Smoking. Photography and audio or visual recording of any kind are strictly forbidden in the auditorium. No refunds or exchanges are made on tickets. Length 152mm

This guide will demonstrate setting up windows and the driver for a sample ticket shown below.

The main elements to note from the above sample ticket are:

Length – 152mm

This is the length of the ticket as measured with a ruler in millimetres.

Width – 75mm

This is the width of the ticket as measured with a ruler in millimetres.

Notch Distance – 17mm

This is the distance in measured in millimetres from the beginning of the ticket to the black mark / timing bar / notch. The notch could be located on the thermal or non-thermal side of the ticket and can sometimes also be a hole or puncture in the ticket. For the purposes of this example our notch is on the non-thermal side of the ticket as this is the most common scenario.

Feed Direction

The feed direction shows the direction in which the tickets should be loaded into the printer. It is defined as being the shortest distance to the black mark / notch to be entered into the printer first. The print rotation can be changed at a later stage in setup, so do not worry that your tickets will print upside down.

1. Creating a Page Form (ticket size) for Windows

Highlight your printer by left clicking the mouse once. Select "Print server properties" option in the top selection bar.

Add a device Add a	printer See what's printing	Manage default printers	Print server pro	perties »	8	= • (
Classification	Name	Device catego	ory I	Manufacturer		
Devices	Logitech® Unifying Receiver	Keyboards, N	lice and Oth l	Logitech, Inc.		
👝 Devices	MyBookWorld	Devices with	Storage \	Western Digital	Corporati	
🗗 Devices	StimaStore1	Media and Er	ntertainment I	PacketVideo		
🖳 Devices	SyncMaster S23A550H (Digital)	Displays and	Projectors			
Printers and Faxes (8)					
Printers and Faxes	Fax	Printers and F	axes			
Printers and Faxes	HP LaserJet 1022	Printers and F	Faxes			
Printers and Faxes	HP LaserJet 1022 WL	Printers and F	Faxes			
🖶 Printers and Faxes	Microsoft XPS Document Writer	Printers and F	Faxes			
Printers and Faxes	Samsung CLP-310 Series	Printers and F	Faxes 5	Samsung Electro	onics Co.,	
Printers and Faxes	Samsung CLX-3180 Series	Printers and F	Faxes; Video 9	Samsung Electro	onics Co.,	
Printers and Faxes	STIMA	Printers and F	Faxes			
Printers and Faxes	UPS Thermal 2844	Printers and F	Faxes			
Unspecified (1) —						
	USB Multimedia Audio Device	Audio Device	es; External A			
STIMA	State: 👪 Shared S	itatus: 0 document(s) in queu	IE.			

Select the "Forms" Tab.

Check "Create a new form" option.

Enter the name you want to call your ticket stock size in the "Form Name" text field. Enter the width of the ticket in the Paper Size : "Width" text field.

Enter the length of the ticket in the Paper Size : "Height" text field.

Press the "Save Form" button.

Press the "Ok" or "Close" Button.

	Bacanapana	NUTCE	anced		
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STIMA 102 m	ım			-	Save Form
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-orm name:	STIV	IA Test HCK	et		
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🗸 Create a n	ew form				
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Define a new measuremen	form by ed its. Then clic	ck Save Form		d	
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2. Configuring the Printer Driver

On the "Printers and Devices" window right click on the installed printer and choose the "Printer Properties" option.

Select the "General" tab. Select the "Preferences..." button.

ieneral Sharing	Ports	Advanced	Color Management	Security	Device Settings
Sugar Sugar	g TOILS	Auvanceu	Color Management	Jecunty	Device Settings
1	STIMA				
TO STATE	STIIVIA				
3 1517 - 314	_				
Location:					
Comment:					
Model:	STIMA				
Features					
Color: No			Paper availab	le:	
Double-side	ed: No		STIMA Roll S	Short	*
Staple: No					
Speed: Unk	nown				
Maximum r	resolution	n: 300 dpi			-
		[r			
		Pr	eferences	Print	Test Page
			9 00		

On the next screen select the "Advanced" button.

STIMA Printing Prefer	ences		
Orientation:			
A Portrait		-	
Page Order:			
Front to Back		•	<u></u>
Page Format			=
Pages per Sheet	1	•	
Draw Borders			
			<u> </u>
			Advanced
			OK Cancel Apply

Choose the "Paper Size" which was created in the previous step. Choose the "Print Rotation" you require. If the ticket is printing upside down, then set to "Reverse". "Paper Recovery Mode" should always be set to "Total Recovery". "Notch / Black Mark Alignment" should be set to "On".

Depending on how you would like to cut or present your tickets you will need to choose the correct setting for "Cut / Present" mode. If you prefer to cut every ticket this should be set to "Cut / Present at End Page". If however you prefer to print a transaction and then cut then choose "Cut / Present at End Document". For printers with no cutter such as the STIMA CMP models it is advisable to set this to "Cut / Present At End Document".



Return to the "Printer Properties" window. Select the "Advanced" tab. Select the "Printing Defaults..." button.

General Sha	aring Ports	Advanced	Color Management	Security	Device Settings
Always		00.00		00.00	
Availabl	e from	00:00	To	00:00	*
Priority:	1	×			
Driver:	STIMA			•	New Driver
🖱 Star () Star		er last page mediately	am finishes printir is spooled	g faster	
Star Star Print dir	t printing aff t printing im rectly to the ismatched d	er last page mediately printer ocuments		g faster	
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On the next screen select the "Advanced" button.

STIMA Printing Defau	lts		
Layout Orientation:			
A Portrait			
Page Order:			
Front to Back		-	N2
Page Format			=
Pages per Sheet	1	•	
Draw Borders			
			<u> </u>
			Advanced
			OK Cancel Apply

Choose your Printing Default options as per your previous Printing Preferences.

STIMA Advanced Options
 STIMA Advanced Document Settings Paper/Output Paper Size: STIMA Test Ticket Copy Count: <u>1 Copy</u> Document Options Advanced Printing Features: Enabled Pages per Sheet Layout: <u>Right then Down</u> Halftoning: <u>Auto Select</u> Printer Features Print Rotation: <u>Normal</u> Print Quality: <u>Normal</u> Print Density: <u>0 %</u> Paper Recovery Mode: <u>Total recovery</u> Cut/Present Mode: <u>Total cut/present at end document</u> Notch/Black Mark Alignment: On
OK Cancel

3. Configuring The Printer

Once the driver is installed and Windows has been configured, the last step is to configure the printer itself according to the ticket stock being used.

Start by opening the Printer lid / lids to reveal where the tickets pass through the printer.

First adjust the Guide (on right) by pressing the Guide Adjustment Button and moving the Adjustable Guide so that it is the same width as the ticket stock being used. This should not be set too tightly or the tickets will not be able to flow freely through the printer.

Next the Notch position Sensor may need to be moved so that it is located directly underneath the notch / black mark on the ticket. This sensor can be moved with a small screwdriver or pen, but care must be taken not to break or press the sensor itself. There is a small plastic handle to allow for easier movement of the sensor. The sensor can be moved anywhere across the width of the printer so as to ensure it can sense the black mark located anywhere on the ticket stock.

If your ticket stock has a Notch / Black Mark on the thermal side (top) of the ticket then you should adjust the upper sensor on lid rather than the bottom panel.

If your ticket stock has a Hole / Gap, then you should adjust both the sensor on the bottom panel and the top panel so that they are aligned to the Gap / Hole.



4. Configuring The Printer Settings

When connected via the USB cable the printer will display as a Mass Storage device, much like a USB Key / Dongle. It will be displayed as a "Flash Drive", while the actual drive letter will change from one system to another.

Organize 👻 System properties	Uninstall or change a program Map net	twork drive Oper	n Control Panel	· · ·	
🚖 Favorites	Name	Туре	Total Size	Free Space	
	Hard Disk Drives (3)				
詞 Libraries	Aprimary (C:)	Local Disk	186 GB	131 GB	
	👝 Data (D:)	Local Disk	97.6 GB	72.6 GB	
🝓 Homegroup	PGPDISK (Z:)	Local Disk	24.9 GB	18.4 GB	
📜 Computer	Devices with Remova	ble Storage (3)			
🗣 Network	🔮 DVD RW Drive (E:)	CD Drive			
	Removable Disk (F:)	Removable Disk			
	FLASH DRIVE (G:)	Removable Disk	5.99 MB	3.32 MB	
	Network Location (3)				

Go to "My Computer" in Windows and open the Flash Drive.

Double click the "Setup" file. It should open in Notepad or your default text editor.

Organize 🔻 Share with 💌 Burn	New folder)EE 🔻 🛄 🛛
🚖 Favorites	Name	Date modified	Type Siz
	Driver	15/07/2011 16:13	File folder
🔚 Libraries	J Fonts	15/07/2011 16:21	File folder
	MACRO	15/07/2011 16:21	File folder
🜏 Homegroup	Pictures	15/07/2011 16:22	File folder
	JA SMTP	15/07/2011 16:21	File folder
📮 Computer	J SOFTFONT	02/10/2037 15:22	File folder
	🍐 WebPage	15/07/2011 16:12	File folder
🗣 Network	PictList		Configuration sett
	SETUP	13/09/2037 13:18	Configuration sett
	•	III	

Scroll just over half way down the setup file until you locate the following settings.

SETUP - Notepad	
File Edit Format View Help	
Notch/B.Mark Position = 1 // * 0 = Disabled	*
<pre>// 1 = Bottom // 2 = Top // 3 = Transparent Notch/B.Mark Threshold = 1</pre>	
// 0 = 30 % // 1 = 40 % // 2 = 50 %	
// * 3 = 60 % // 4 = 70 % // 5 = 80 %	
<pre>// 6 = 90 % Notch Distance [mm] = +17.0</pre>	

Make sure to select the correct Notch/B.Mark Postion.

This setting tells the printer which sensor to use to locate the Notch / Black Mark on your ticket. Setting =1 will turn on the bottom sensor (most commonly used, non thermal side) Setting=2 will turn on the top sensor (if notch is on thermal side) Setting=3 will turn on both sensors to look for a Gap / Hole in your ticket. The sensors must be aligned in the printer to use this correctly.

The Notch Distance setting determines where the printer will Cut / Align to. This is the distance from the beginning of the ticket to the Notch / Black Mark on the ticket and is as shown below. The measurement is in millimetres.



Select "File" and then "Save" to save your changes to the setup file.

Reload your ticket stock into the printer.