

VFD OPOS Installation Windows 10 TB00

TB000054 REV. B

## **Executive Summary**

This Technical Bulletin describes how to properly install and test the Elo 2 x 20 Rear Facing Customer Display (VFD) P/N: E001003 and E122426, on a computer system running Windows 10 Operating System and using OPOS drivers.

## **Tools Needed**

OPOS Driver package, version 1.7.0.0: <u>https://elotouch.sharepoint.com/:u:/s/KnoxvilleTechnicalServices/EfGBY0GRQs5KvCxhKQpp4IUB-</u> <u>Ja4sII05AIO16\_ObUWOxQ?e=F8f0gg</u>

## **Procedure**

- 1. Download OPOS Driver package v 1.7.0.0 and unzip to a location on the computer.
- 2. Run the Application setup107



a. Follow the install prompts, choose Next

🔀 OPOS Line Display - InstallS	hield Wizard	×
4	Welcome to the InstallShield Wizard for OP Line Display	05
	The InstallShield(R) Wizard will install OPOS Line Display or your computer. To continue, dick Next.	1
	WARNING: This program is protected by copyright law and international treaties.	J
	6	
	< Back Next > Cance	1



## b. Choose Install



c. Driver will begin installing, it should take less than a minute to complete

OPOS Ling Installing The prog	ne Display - InstallShield Wi J OPOS Line Display gram features you selected are	zard e being installed.	-	2	×
1 <del>1</del> 17	Please wait while the Install may take several minutes. Status: Copying new files	Shield Wizard install	OPOS Line Display	y. This	
InstallShield -		< Back	Next >	Canc	el

d. When completed choose Finish





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3. Go to Windows *Start* button and find *OPOSLDSetup.exe* and click on it to run. (alternatively, this can also be found in C:\Program Files (x86)\POS\OPOS Line Display)



- a. Select the following in the OPOS LineDisplay Setup Utility.
  - i. Device Model: *LD220*
  - ii. Device name: *LD230*
  - iii. Port: (choose the appropriate port listed in Device Manger for the VFD)
  - iv. Baud rate: 9600
  - v. Click on *Setup*

🖂 OPOS LineDisp	blay Setup Utility	×
Device Model:	LD220	~
Device name:	LD230	~
Port:	COM10	~
Baud rate:	9600	~
	Setup Delete	
	Exit	son 1.1.7



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b. When completed, you will receive a message stating **Setup OK**, select the **OK** button to exit.



4. Go to Windows *Start* button and find *VfdOposTest.exe* and click on it to run. (alternatively, this can also be found in C:\Program Files (x86)\POS\OPOS Line Display)

=	Recently added
	TinyTake by MangoApps
<u> </u>	OPOSLDSetup.exe
	VfdOp Test.exe
	Most used
	Google Chrome
	USBMSR Demo
	T vfdtest
	T VFDTEST
	T VFDTEST
	File Explorer
	A
	Acrobat Reader DC
<b>(</b> )	Amazon 🗸
	В
Ô	Belarc Advisor
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a. In the *LABAU LineDisplay OPOS Demo Utility*, choose *LD230* from the *Select Device Name* drop down menu.

Character Set			Select Device	Name
Select Character Set				Le V
MapCharacterSet		~	LD230	
DisplayText				
Display Text At	-	_		
	Column	Row		
DisplayTextAt	0	0		
	0~19	0~1		
Blink Characters				
Marquee				
Scrolling Text Line 1				
Scrolling Text Line 2				
Clear Text				

b. Type your desire message in the empty text field and click on *Display Text* 

CABAO Elitebispilay OPOS Delito (	Junty		
Character Set		Select Device Name	
Select character Set		LD230	~
437 [CP-437]	~	SO Version 5.0.5.10	
MapCharacterSet			
TESTING OPOS DRIVER			
DisplayText			
Display Text At			
	Column Row		
DisplayTextAt			
	0~19 0~1		
Blink Characters			
Marquee			
Scrolling Text Line 1			
Scrolling Text Line 2			
Clear Text			
	Exit	Verson 4.1.5.0	



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c. The text should now be showing on the VFD



5. If you wish to view the registry settings, you will find them in: HKEY Local Machine / Software / WOW6432Node / OLEforRetail / ServiceOPOS / LineDisplay / LD230

le Edit	View	Favorites Help			
	2	Adobe ^	Name	Туре	Data
		Belarc Classes Clients Google Honeywell Intel Khronos Macromedia MagTek Microsoft MozillaPlugins Nuance ODBC OLEforRetail ServiceInfo	ab (Default) ab BaudRate ab BitLength ab Description ab DeviceClass ab DeviceName ab HandShake ab OutputBuf ab Parity ab Port ab RegFormatType ab Service ab Stop ab Version	REG_SZ REG_SZ REG_SZ REG_SZ REG_SZ REG_SZ REG_SZ REG_SZ REG_SZ REG_SZ REG_SZ REG_SZ REG_SZ	LABAULD.POSLDisplay.1 9600 8 LineDisplay OPOS Service Object,Copyright (C) 20 LineDisplay LD230 RTS/CTS 1024 NO COM2 LABAULD.dll 1 1.9.1
		→ Biometrics			
	>-	OpenOffice			