

VFD TESTING ANDROID I-SERIES

TB000043 REV. B

Executive Summary

This technical bulletin describes how to test the VFD (Rear Facing Customer Display) on an Elo I-Series with Android OS.

Procedure

1. Apply OTA update for the latest EloView release while in EloView mode (EloView Control Panel->Settings->Update Device).

Elo View	OFF ON	
Nav Bar	OFF ON	
BSP Version	3.32.24	
APK Version	3.32.24	
Product Version	3.0	
Android Version	7.1.2	

- 2. Connect the VFD to the Elo I-Series with Android OS.
 - a. You will notice on the VFD's display it will read: "Installing Customer Display"



3. Go into the Apps section of Android Home and choose "Advance Peripheral"

				Apps			
ettings	FileExplorer	Elo Peripheral Test App	Browser App	Ele Advance Peripheral	Test Elo SDK	Websocket Test App	
			4	8	0	0	

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4. Go to the "FTDI" tab at bottom of screen and then click on the "GET USB DEVICE LIST"



5. Click on the drop-down arrow and select the /dev/ttyUSB10

1	-
FTDI	
USB List : Select Device Status : Retrieved Status : Retrieved	rice
Read Data : NO DATA	
Write Here:Max 10 Chars	
FTDITEST	

6. Type in the text of your choice.





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7. Tap the white area of the screen a few times to make the virtual keyboard go away, then click on the "*FTDI TEST*" button.



- 8. The text should then read out on the VFD, verifying that it functions.
 - a. You can then proceed to write your Android code to function with the VFD on the virtual comport /dev/ttyUSB10

