

Quick Start Guide

SP6-133 with E Ink Spectra 6 13.3", EL133UF1



Function Description

🍕 Color Rendering V1.00 - □ >	<
Panel Size: 13.3": 1200 x 1600 V	
Add or Drag image to here	
DIGITALVIEW HGD: (0) Disable - Convert Save Image	
📾 E-ink	- 🗆 ×
COM port	I 13.3" 31.5" othe90 Plash Load_Image Image 01 V Write_Image
	× ×



- SP6-133 driver board
 - Initialize EPD and control display



- 13.3 Spectra 6 EPD
 - Show image

- Rendering tool and writing image tool
 - A. Color Rendering program
 - B. Write converted image file to SP6-133 board

A

В

Connection method



+5VDC input via USB-C cable connected to the Computer



Render_Image Tool

- 1. Execute the "Color Rendering V1.00" program.
- 2. Choose Panel Size : 13.3" : 1200x1600.
- 3. Add or Drag image to the program.
- 4. Choose 'Convert:Save Image'





4

Render_Image Tool

5. Save Rendered image to the folder.



Writing image to SP6-133 board

- 1. First connect the SP6-133 board to the EPD via USB and turn on the power
- 2. Execute Spectra 6_Image_Tool.exe
- 3. Click "connect" .
 - If the connection is successful, there will be a WF00KWR message on the Device.
 - If there is no message on the Device, please go to the Device Manager to confirm the COM port number.
- 4. Click 13.3" and Flash.





+5VDC input via USB-C (connect to computer)

Writing image to SP6-133 board

- 5. LoadImage(resolution: 1200x1600)
- 6. Select the Image storage location (13.3" can store Image 01~05)

Eink E-ink	_		×
COM port Device: WFD0K WR COM6 disconnect 5	✓ 13.3" □ rotate Load_ Image 01 Write_ Display	'] 3: 90 🗹 Fl Image Image	5" ash 5 6
COM port is connected! G_com_byte_num=>16 G_getRepotData_byte =>55 AA 01 00 0A 57 46 30 30 4B 57 52 20 0A 0D 32 rdata_len =>10 USB Feedback:OK & return data G_getRepotData_Ectow wrook_WK L_height =1600L_width =1200 G_byte_image cnt=960000		^	

5

Writing image to SP6-133 board

- 7. Click "Write_Image"to write the Image file to the SP6-133 board and wait for the Process Bar to complete.
- 8. After the writing is completed, click "Display_Image", and the EPD will display the Image xx location image.

	^{៩inx} E-ink	- 🗆 X
7	Image COM port Device: WFDOKWR COM6 disconnect	 ✓ 13.3" 31.5" ○ rotate90 ✓ Flash Load_Image Image 01 ✓ Write_Image Display_Image 8
	G_getRepotData_byte =>55 AA 00 00 00 FF rdata_len =>0 USB Feedback:OK crc_ont=0, image_count=1536 G_getRepotData Echo# G_com_byte_num=>6 G_getRepotData_byte =>55 AA 00 00 00 FF rdata_len =>0 USB Feedback:OK Write Image 01 To Flash -> OK G_getRepotData Echo#	

.

We Make Surfaces Smart and Green[™]



www.digitalview.com

END