

Application Note: Procedure to update
the firmware (U13)
on SVX-1920-PRO board.



Version: 1.20

Date: 23 August 2021

Application Note

**Procedure to update the
firmware (U13)
on SVX-1920-PRO board.**

Application Note: Procedure to update the firmware (U13) on SVX-1920-PRO board.



Version: 1.20

Date: 23 August 2021

Revision History

Date	Rev No.	Page	Summary
4 Aug 2021	1.00	All	First issued
13 Aug 2021	1.10	7, 8	Add Step 3, Method 2 to send a RS-232 command '0xee 0x75 0x31' to activate the firmware upgrade process without connecting a panel.
23 Aug 2021	1.20	5	Change the message in Step 4 to 'Ready to upgrade?' instead of 'Are you sure to upgrade?'.

Application Note: Procedure to update the firmware (U13) on SVX-1920-PRO board.



Version: 1.20

Date: 23 August 2021

1 Introduction

The SVX-1920-PRO controllers are an easy to use high quality DVI-I (VGA + DVI-D) , HDMI & Displayport input interface for LCD panels up to 1920x1200 resolution.

One of the features of the SVX-1920-PRO is the ability to update its firmware as detailed in this Application Note.

IMPORTANT NOTE: Firmware Upgrading must only be done by suitably qualified professionals or technicians. Digital View is not responsible for damage or injury caused by the firmware upgrade procedure.

2 Firmware Upgrade procedure

SVX-1920-PRO firmware upgrade is done by storing the firmware in the USB memory stick and get it update the firmware via USB interface connector.

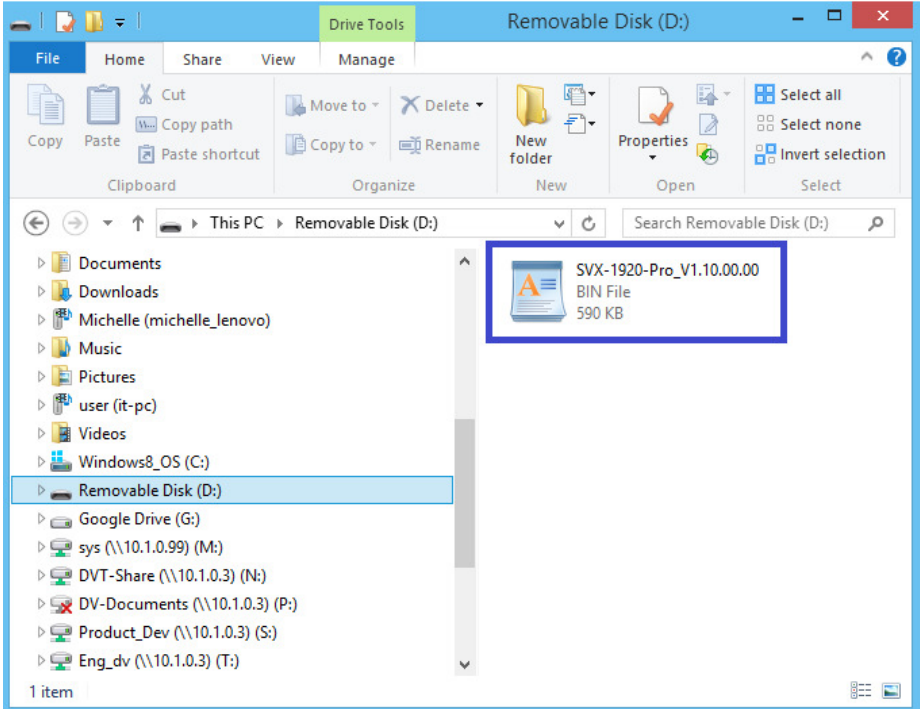
- The SVX-1920-PRO to be upgraded needs to be fully connected with power. This should be a bench or assembly setup and care must be taken to avoid short circuits or electrical shock. **Digital View does not accept responsibility for damage caused during a firmware upgrade procedure** – care must be exercised

Application Note: Procedure to update the firmware (U13) on SVX-1920-PRO board.

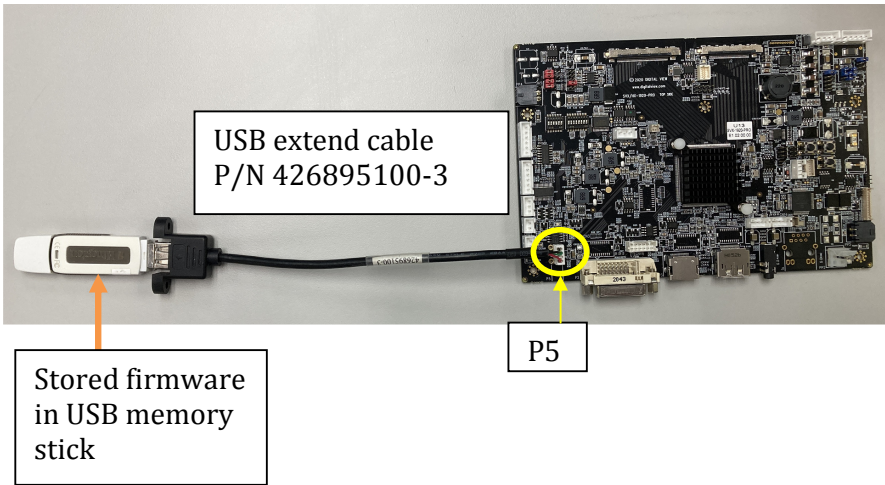
Version: 1.20

Date: 23 August 2021

Step 1 : Stored firmware (.bin) in the USB memory stick.



Step 2 : Connect the USB memory stick to P5 connector via the USB extend cable P/N 426895100-3 as shown below connection :



Application Note: Procedure to update the firmware (U13) on SVX-1920-PRO board.



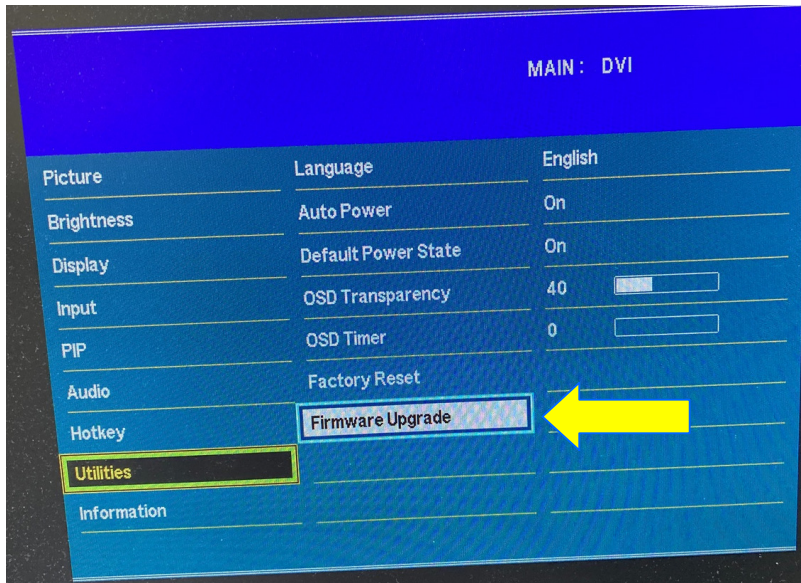
Version: 1.20

Date: 23 August 2021

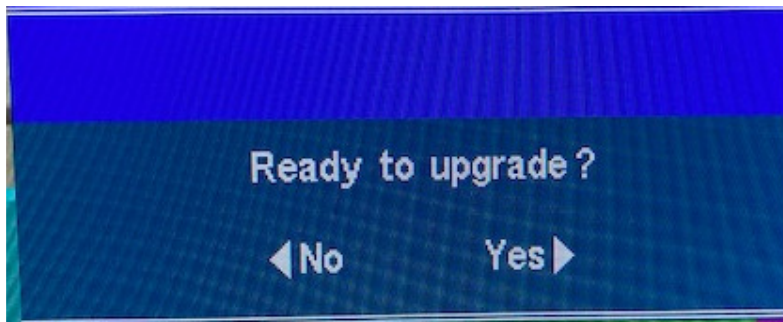
Step 3 :

(a) : Method 1 :

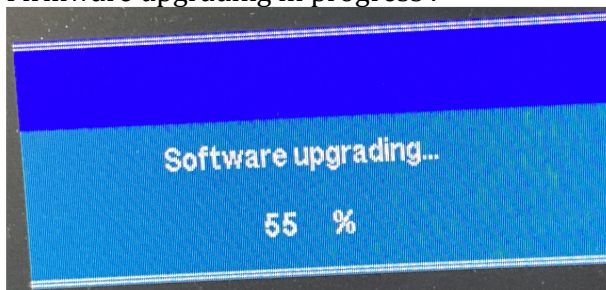
Connect up the panel with SVX-1920-PRO and select 'Firmware Upgrade' on the OSD menu under location at : Utilities > Firmware Upgrade.



Step 4 : Press "+" on OSD switch mount to select 'Yes' for confirmation to perform the firmware upgrade process.



Firmware upgrading in progress :

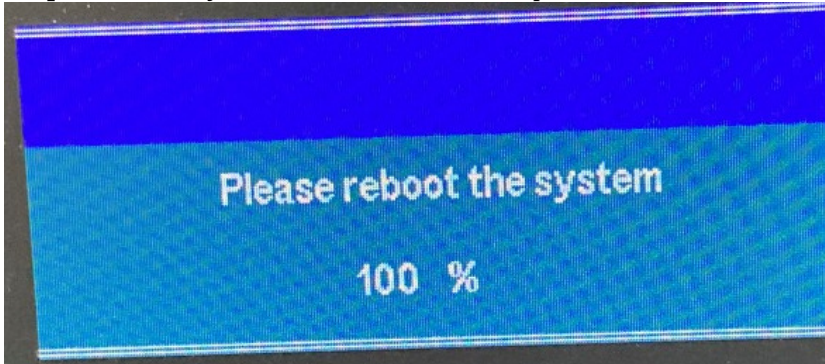


Application Note: Procedure to update the firmware (U13) on SVX-1920-PRO board.

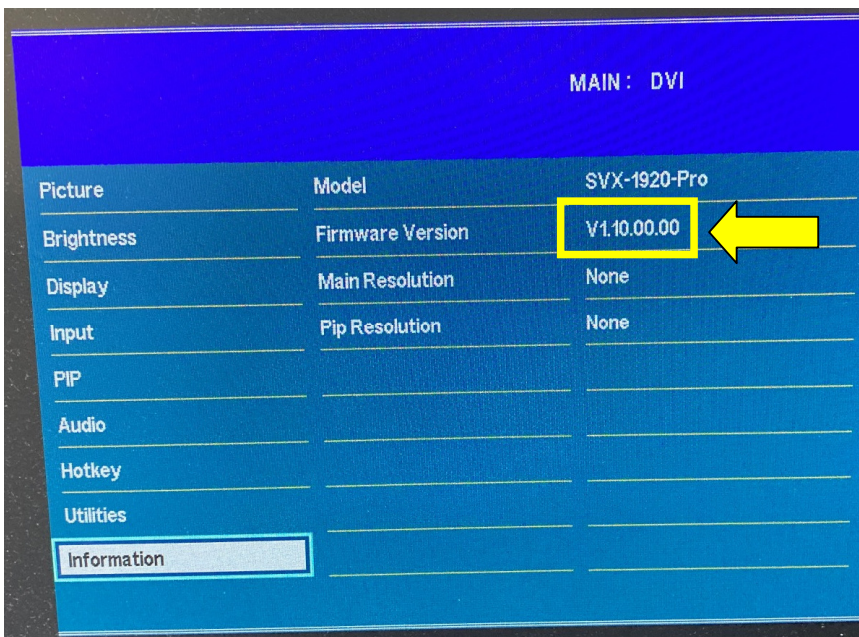
Version: 1.20

Date: 23 August 2021

Step 5 :Power cycle the controller after updated the firmware successfully.



Step 6 : Check the firmware version reported on the OSD menu after downloaded the updated firmware.



Application Note: Procedure to update the firmware (U13) on SVX-1920-PRO board.

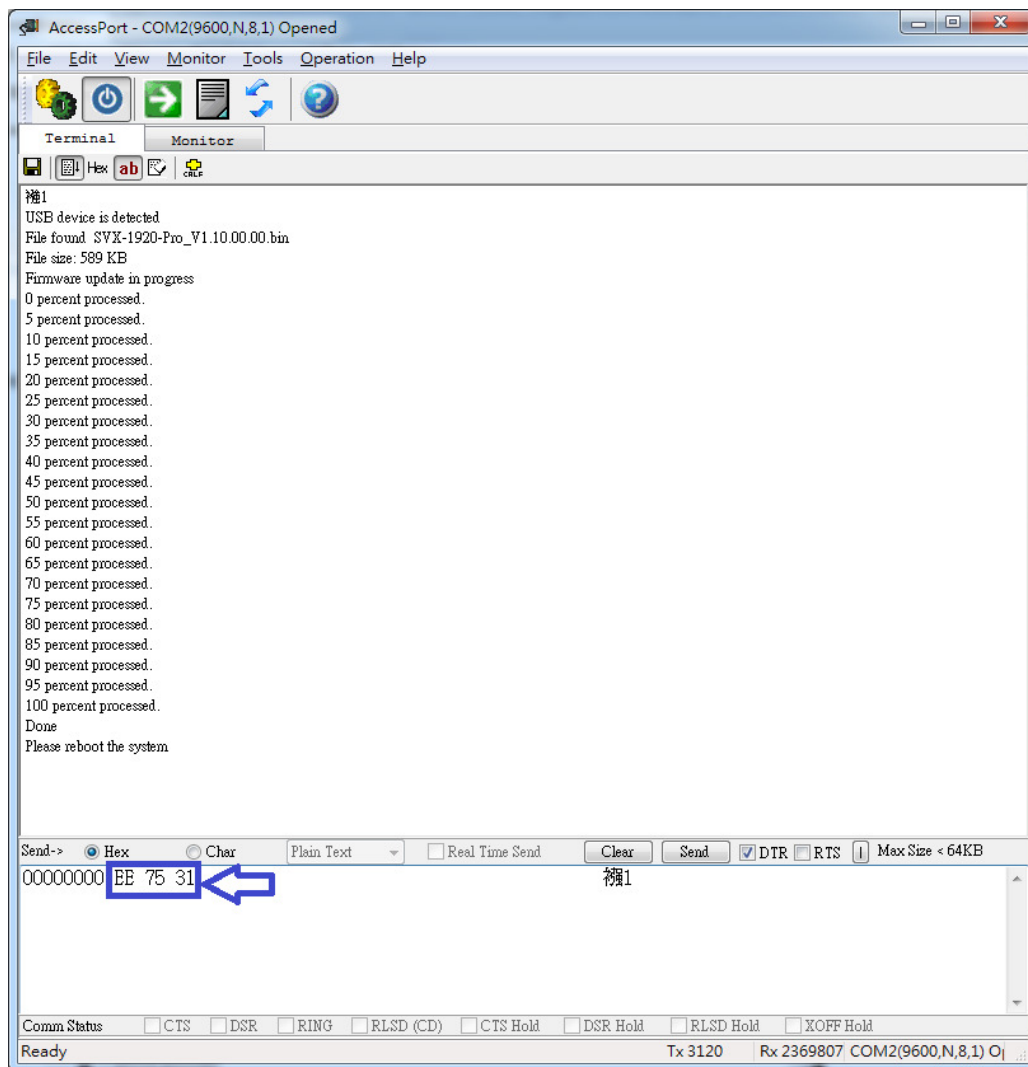


Version: 1.20

Date: 23 August 2021

(b) : Method 2 :

Send a RS-232 command '0xee 0x75 0x31' to activate the firmware upgrade process without connecting a panel.



Application Note: Procedure to update the firmware (U13) on SVX-1920-PRO board.




Version: 1.20

Date: 23 August 2021

Upgrade the firmware successful when reporting 'Done', then Power cycle the controller after updated the firmware successfully.

```
USB device is detected
File found SVX-1920-Pro_V1.10.00.00.bin
File size: 589 KB
Firmware update in progress
0 percent processed.
5 percent processed.
10 percent processed.
15 percent processed.
20 percent processed.
25 percent processed.
30 percent processed.
35 percent processed.
40 percent processed.
45 percent processed.
50 percent processed.
55 percent processed.
60 percent processed.
65 percent processed.
70 percent processed.
75 percent processed.
80 percent processed.
85 percent processed.
90 percent processed.
95 percent processed.
100 percent processed.
Done
Please reboot the system
```



END

Application Note: Procedure to update
the firmware (U13)
on SVX-1920-PRO board.



Version: 1.20

Date: 23 August 2021

CONTACT DETAILS

USA: Digital View Inc.
18440 Technology Drive
Building 130
Morgan Hill, CA 95037
Tel: (1) 408-782 7773 **Fax:** (1) 408-782 7883
Sales: ussales@digitalview.com

EUROPE: Digital View Ltd.
The Lake House
Knebworth Park
Herts, SG3 6PY
UK
Tel: (44) (0)20 7631 2150 **Fax :** (44) (0)20 7631 2156
Sales : uksales@digitalview.com

ASIA: Digital View Ltd.
Unit 705-708
7/F Texwood Plaza
6 How Ming Street
Kwun Tong
Hong Kong
Tel: (852) 28613615 **Fax:** (852) 25202987
Sales: hksales@digitalview.com

The content subject to change without notice

Application Note –AppNote_Procedure to update firmware (U13) on SVX-1920-PRO

© Digital View Ltd 2021
