

Application Note: Procedure to update
the firmware (U20)
on DT-1920-HDMI-EDPT
board.



Version: 1.00

Date: 24-Jan-2020

Application Note

**Procedure to update the
firmware (U20)
on DT-1920-HDMI-EDPT
board(USB-HDMI)**

Application Note: Procedure to update the firmware (U20) on DT-1920-HDMI-EDPT board.



Version: 1.00

Date: 24-Jan-2020

Revision History

Date	Rev No.	Page	Summary
20 Sept 2018	1.00	All	First issued
23 Jan 2020	1.10	7 All	- Update HK Office address - Change the product name from DD-1920-HDMI-EDPT to DT-1920-HDMI-EDPT

Application Note: Procedure to update the firmware (U20) on DT-1920-HDMI-EDPT board.



Version: 1.00

Date: 24-Jan-2020

Table of Contents

- 1. Setup 3
- 2. Firmware upgrade procedure 5

Application Note: Procedure to update the firmware (U20) on DT-1920-HDMI-EDPT board.

Version: 1.00

Date: 24-Jan-2020

1 Setup

Software and hardware setup

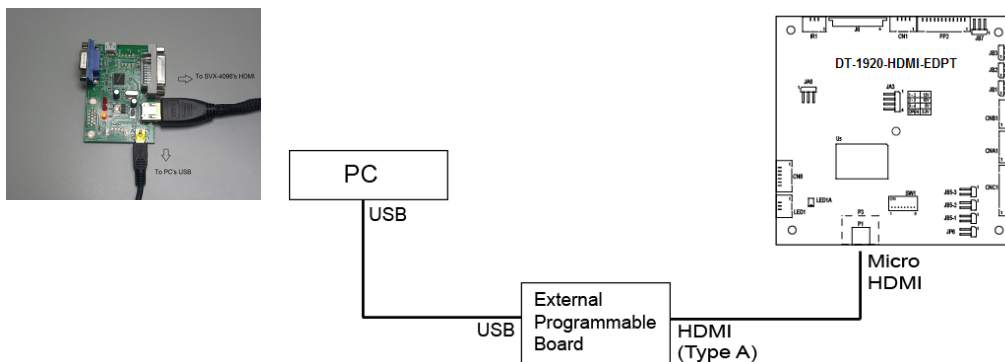
(This firmware upgrade procedure is same as SVX-4096.)

The “RTDTool.exe” is an upgrade program for DT-1920-HDMI-EDPT. It can be run under Windows XP/Vista/7/10 platform. Please contact your local office to get the program.

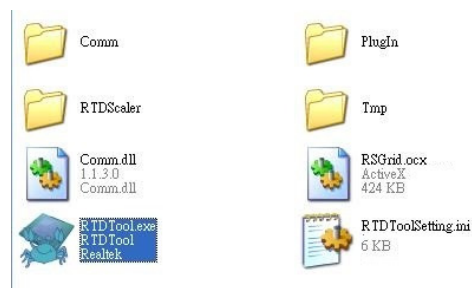
Before upgrading the firmware on the DT-1920-HDMI-EDPT, make sure you have the following items ready:

1. PC with Windows (XP/Vista/7/10) installed
2. External programmable board (USB writer) from Digital View
3. USB cable
4. HDMI cable (Micro HDMI to Standard HDMI)
5. Firmware files

Step 1.1 : Connect the HDMI cable to the External programmable board (USB writer) and DT-1920-HDMI-EDPT. Use a USB cable to link the PC and the External programming board. See the diagram below:



Step 1.2 : On PC, run the “RTDTool.exe” firmware upgrade program.

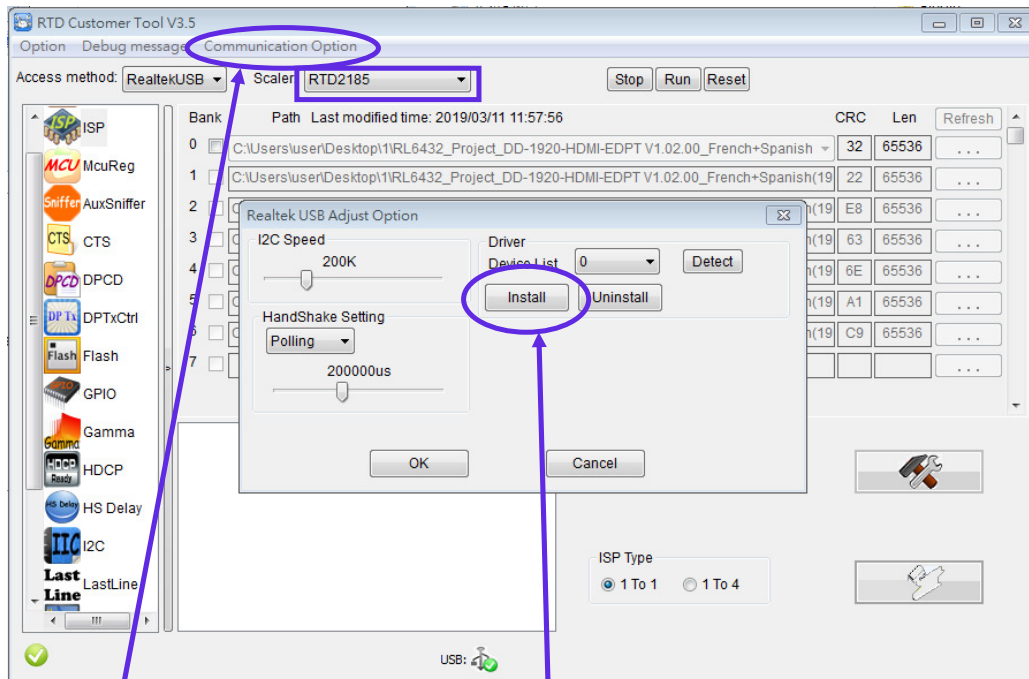


Application Note: Procedure to update the firmware (U20) on DT-1920-HDMI-EDPT board.

Version: 1.00

Date: 24-Jan-2020

For first time running the RTD Customer Tool” program, please install USB driver by choosing “Communication Option” -> press “Install” button in Driver section as described in the picture below.



1. Select 'Communication Option'

2. Press 'Install' button

Application Note: Procedure to update the firmware (U20) on DT-1920-HDMI-EDPT board.

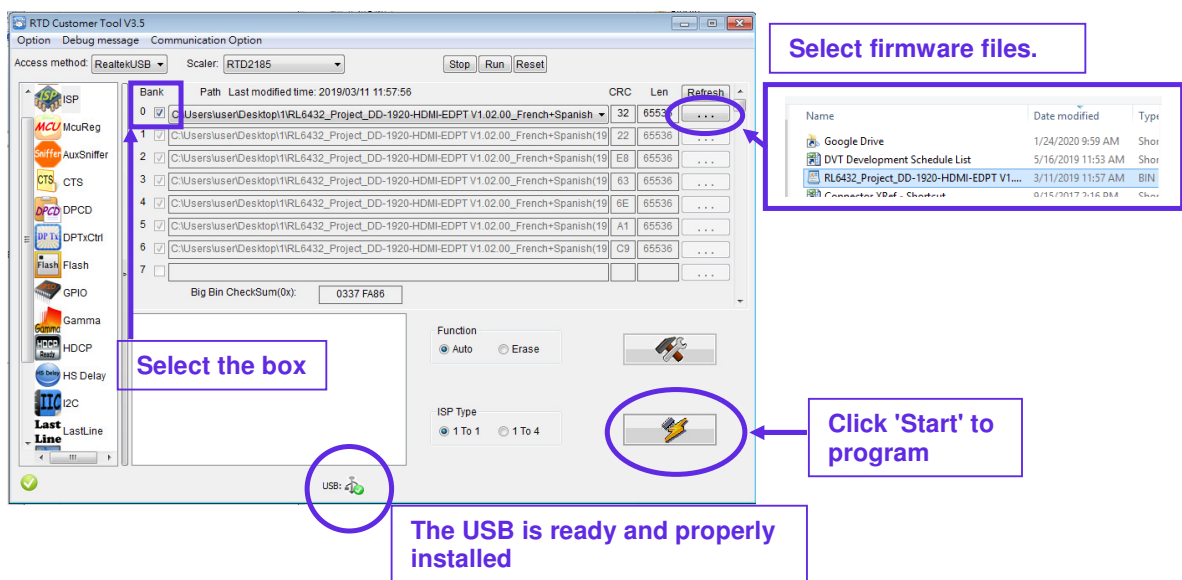
Version: 1.00


Date: 24-Jan-2020

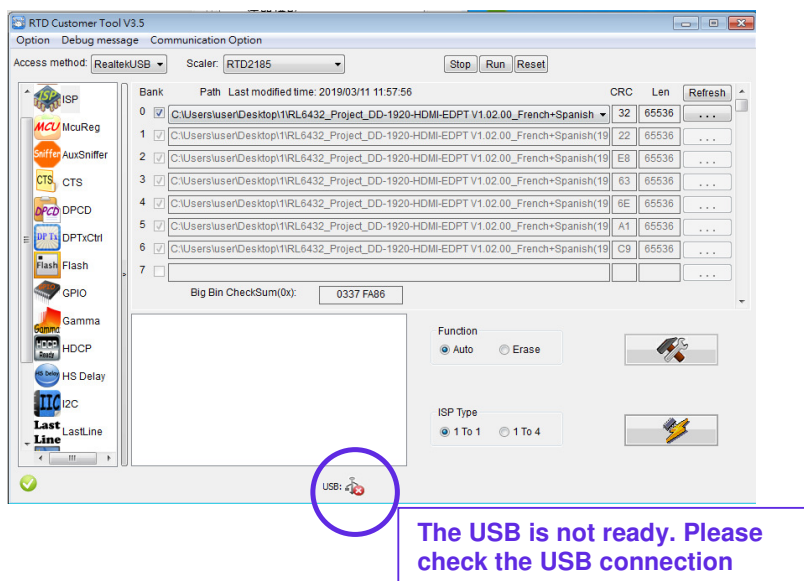
2 Firmware Upgrade procedure

Step 2.1 : Run the “RTDTool.exe” program.

Step 2.2 : Main window display will be shown as below :



Please check the USB connection if reported  :



Application Note: Procedure to update the firmware (U20) on DT-1920-HDMI-EDPT board.

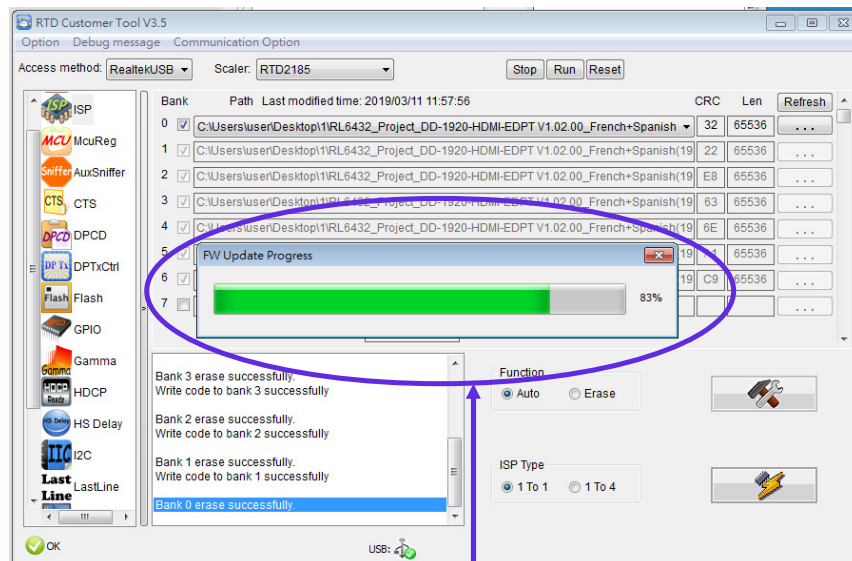
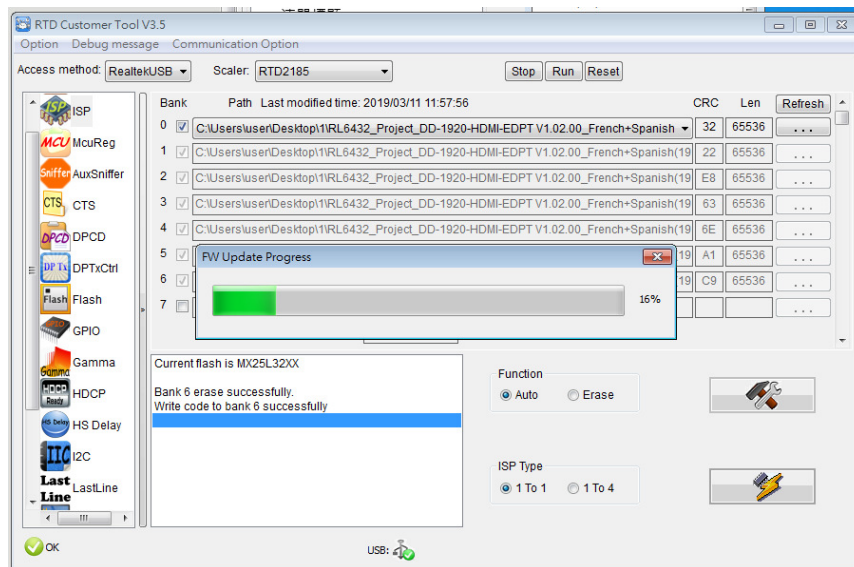
Version: 1.00

Date: 24-Jan-2020

Points to be noted :

- The DT-1920-HDMI-EDPT must be powered on during programming.
- Make sure the USB driver is ready to use in the PC. If not, try to unplug the USB connector and connect it again.
- All check boxes of bank 0- bank 7 must be selected

Step 2.3 : After pressing "Start" button, firmware is begin to upgrade.



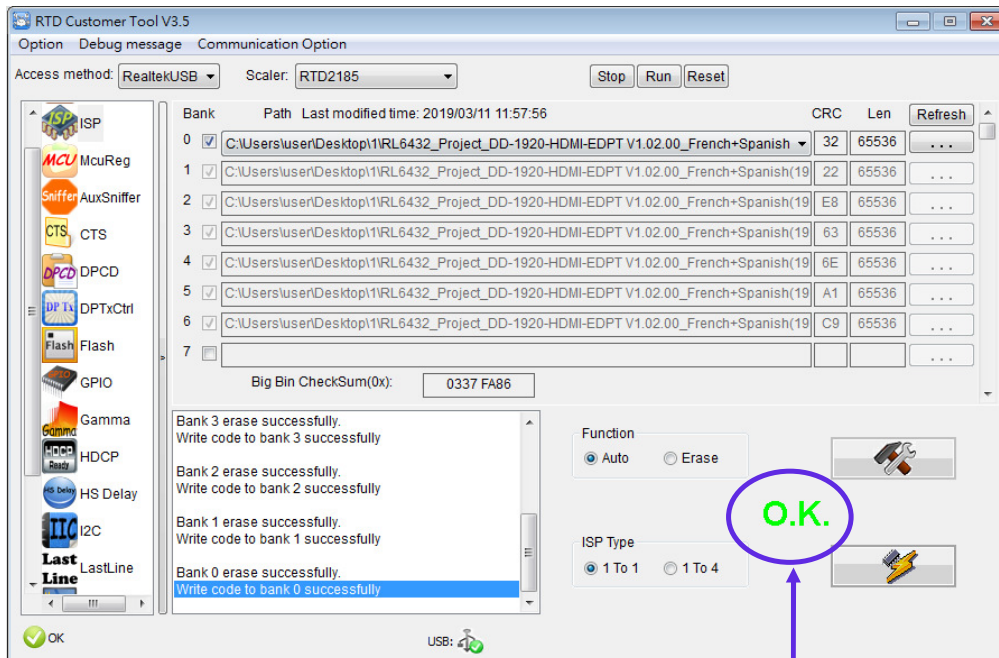
Firmware programming is in progress

Application Note: Procedure to update the firmware (U20) on DT-1920-HDMI-EDPT board.

Version: 1.00

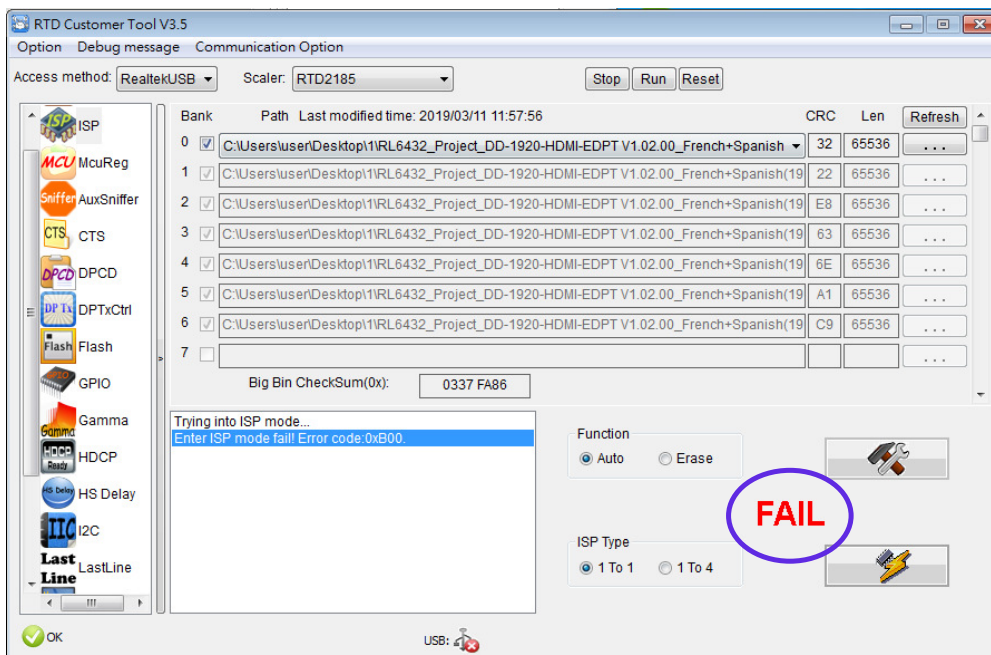
Date: 24-Jan-2020

Step 2.4 : When the firmware upgrade is completed, will see "O.K." displayed on the screen.



Firmware programming is completed

It will report 'FAIL' if the firmware programming is failed (e.g : USB connection has problem).



[END]

Application Note: Procedure to update
the firmware (U20)
on DT-1920-HDMI-EDPT
board.



Version: 1.00

Date: 24-Jan-2020

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

www.digitalview.com

Specifications subject to change without notice

Application Note – Firmware upgrade procedure U20 of DT-1920-HDMI-EDPT
(January 2020)

© Digital View Ltd 2020