

## **Technical Note**

Product Name:

**Current Version:** 

EDID Manager	Software	
Ver.Type	Ver No.	Date
Firmware	-	-
Software	-	-
Web	-	-
Hardware	_	_

Technical Note Date:

January 16, 2020

This document explains how to use the EDID Manager Software.

### **Setting EDID via EDID Manager**

To utilize EDID Manager:

- 1. Download the EDID Manager software to your PC.
- 2. Power the device.
- 3. Connect the device to your PC.
- 4. Open EDID Manager. The following window appears:

K EDID Manager
Help
Not Found.
[EDID Controller] EDID Analyzer   EDID Creator   System
Mode
C Internal C External C User
Upload
Open
0% Upload
Download
Internal External User

Figure 1: EDID Manager







## **Technical Note**

#### 5. Click Search.

The device is connected and indicates the current EDID source (Internal, External or User).

🚺 EDID Manager
Help
Link
FC-17
EDID Controller EDID Analyzer EDID Creator System
Mode
C Internal C External C User
Upload
Open
0% Upload
EDID Manager         Help         Link         FC-17       Search         EDID Controller       EDID Analyzer         Mode       C         C       Internal         C       Internal         Open       0%         Upload         Internal       External         User
L

Figure 2: EDID Manager – Wall-plates Connected

Use EDID Manager to:

- <u>Upload the EDID and Store to the Device</u>, see page <u>3</u>.
- <u>Download the EDID from Wall-plates to the PC</u>, see page <u>6</u>.
- <u>Analyze EDID</u>, see page <u>7</u>.
- <u>Create or Modify an Existing EDID</u>, see page <u>8</u>.
- <u>View the Firmware Version</u>, see page <u>11</u>.





### **Technical Note**

### Upload the EDID and Store to the Device

To upload EDID from the PC and store to the device:

- 1. Open EDID Manager.
- 2. Select the EDID Controller tab.
- 3. Click **Open** in the Upload area.

🔣 Open	THE REPORT OF THE REPORT	1.000	×		
Look <u>i</u> n:	Material	← 🗈 📸 🕶			
C.	Name	Date modified	Туре		
Poort Places	Created_Edid.bin	7/17/2017 2:35 PM	BIN File		
necenii Haces	Created_Edidtest.bin	7/17/2017 2:43 PM	BIN File		
	External_Edid.bin	1/2/2017 2:12 PM	BIN File		
Desktop	FC_17_1.0B.BIN	7/17/2017 2:17 PM	BIN File		
<u></u>	Internal_Edid.bin	7/17/2017 2:20 PM	BIN File		
	User_Edid.bin	1/2/2017 2:11 PM	BIN File		
Libraries					
Computer					
Network					
	•	•			
	File name: Created_Edid	•	<u>O</u> pen		
	Files of type: EDID (*.bin)	•	Cancel		

Figure 3: EDID Manager – Selecting an EDID file





## **Technical Note**

4. Select an EDID file and click **Open**.

Link EC-17		Search 6	) Disc	connect
			•	
DID Controller   EDIC	) Analyzer   EDID Cre	ator   System		
C Internal	C External	Oser		
Upload				
C:\FC-17\Mate	rial\Created_Ec	lid.bin		Open
			0%	Upload
Download				
Internal	External	User		

Figure 4: EDID Manager - EDID File Selected





## **Technical Note**

5. Click Upload. The selected EDID file is uploaded to User.

Help     Link   FC-17   EDID Controller   EDID Analyzer     EDID Controller   EDID Analyzer     EDID Controller   EDID Analyzer   EDID Creator System   Mode   C Internal   C:\FC-17\Material\Created_Edid.bin    Open   60%   Upload    Download   Internal   External   User	🗈 EDID Manager				
Link FC-17 EDID Controller EDID Analyzer EDID Creator System Mode C Internal C External © User Upload C:\FC-17\Material\Created_Edid.bin 60% Upload Download Internal External User	Help				
EDID Controller EDID Analyzer EDID Creator System Mode C Internal C External C User Upload C:\FC-17\Material\Created_Edid.bin 60% Upload Download Internal External User	EDID Manager         Help         Link				
Upload C:\FC-17\Material\Created_Edid.bin Open 60% Upload Download Internal External User	EDID Controller EDID Analyzer EDID Creator System				
C:\FC-17\Material\Created_Edid.bin Open 60% Upload Download Internal External User	Upload				
EDID Manager         Help         Link         FC-17         EDID Controller         EDID Controller         EDID Analyzer         C:\FC-17\Material\Created_Edid.bin         Open         60%         Upload         Internal       External         User					
Download Internal External User	60% Upload				
Internal User	Download				
	Link FC-17 EDID Controller EDID Controller EDID Analyzer EDID Creator System Mode C Internal C External C:\FC-17\Material\Created_Edid.bin 60% Upload Download Internal External User				
EDID Manager         Help         Link         FC-17         EDID Controller         EDID Controller         EDID Analyzer         EDID Creator         System         Mode         C Internal         C External         Open         60%         Upload					
EDID Manager         Help         Link         FC-17         EDID Controller         EDID Controller         EDID Analyzer         EDID Controller         EDID Analyzer         EDID Controller         EDID Analyzer         EDID Controller         EDID Analyzer         EDID Creator         System         Mode         C Internal       C External         Vpload         C:\FC-17\Material\Created_Edid.bin         Open         60%         Upload					

Figure 5: EDID Manager – Uploading EDID





### **Technical Note**

#### Download the EDID from Wall-plates to the PC

To download EDID to your PC:

- 1. Open EDID Manager.
- 2. Select the EDID Controller tab.
- 3. Click an EDID source: **Internal**, **External** or **User**. The **Save As** window opens:

K Save As		Concession of the	· One		×
Save in:	🔰 Material		•	← 🗈 💣 📰 -	
Recent Places	Name Created_Ed Created_Ed External_Ed FC_17_1.08 Internal_Ed Uter_Edid b	id.bin idtest.bin id.bin BIN id.bin		<ul> <li>Date modified</li> <li>7/17/2017 2:35 PM</li> <li>7/17/2017 2:43 PM</li> <li>1/2/2017 2:12 PM</li> <li>7/17/2017 2:17 PM</li> <li>7/17/2017 2:20 PM</li> <li>1/2/2017 2:11 PM</li> </ul>	Type BIN File BIN File BIN File BIN File BIN File
Libraries Libraries Computer Other Network				1/2/2017 2.11 FW	DIATIE
	<ul> <li>✓</li> <li>File <u>n</u>ame:</li> <li>Save as type:</li> </ul>	Internal_Edid1	11	<b>•</b>	▶ <u>S</u> ave Cancel

Figure 6: EDID Manager – Saving an EDID

4. Click Save.

The selected EDID is saved to your PC.





## **Technical Note**

### Analyze EDID

To analyze EDID:

- 1. Open EDID Manager.
- 2. Select the EDID Analyzer tab.

EDID Manager	X
<u>H</u> elp	
Link	
FC-17	🔁 Search 🚫 Disconnect
EDID Controller EDID Analyzer E	EDID Creator System
Select	
Internal C External	ernal OUser OBin File
Informations	
EDID Header :	Good
EDID Checksum :	Good
Manufacturer Name :	KMR
Monitor Name :	FC-17
Max Resolution :	2160p@60Hz
Max Color Depth :	8bit
Support 3D :	No
Support YUV420 :	Yes
Support SCDC :	Yes
Support 600MHz :	Yes
Support HDR :	No
Audio Formats :	2PCM,
Audio Max Channel :	2CH
CEC Address :	1000

Figure 7: EDID Manager – EDID Analyzer Tab

3. View basic EDID details.



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### **Create or Modify an Existing EDID**

To create or modify and existing EDID:

- 1. Open EDID Manager.
- 2. Select the EDID Creator tab.

Link	
• FC-17	Search Search
EDID Controller EDID Analyzer EDI	D Creator System
Select	
C Brand New	O Bin Modifiy
Monitor Name : Product Code :	
Serial Number :	
Manufacture Week :	

Figure 8: EDID Creator – Wall-plates Connected



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- 3. Check the TYPE of EDID:
  - Brand New to create a new bin file.

EDID Manager	
elp	
Link FC-17	Search Search
EDID Controller EDID Analyzer EDIC	) Creator   System
Is Brand New	C Bin Modifiy
Manufacturer Name :	V   Audio1   Audio2   Color Space   Uthers   NEW BrandNewEdid
Product Code :	0
Serial Number :	0
Manufacture Year :	2017
Manufacture Week :	29
Save	Upload 0%

Figure 9: EDID Manager – Wall-plates Connected

Bin Modify – to change an existing bin file.
 Open a file from the Open window and click Open.



Figure 10: EDID Manager - Selecting a Bin File



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- 4. Enter the EDID description and information fields and then enter the new data, as required, to each tab:
  - PC Timing EDID supported resolution and refresh rates.

🕼 EDID Manager
Link FC-17 Search Olisconnect
EDID Controller   EDID Analyzer EDID Creator   System   Select © Brand New © Bin Modifiy
Descriptor         PC Timing         SD/HD/UHD         Audio1         Audio2         Color Space         Others           640 x 480 @         IF         60Hz         67Hz         72Hz         75Hz           720 x 400 @         IF         70Hz         88Hz         800 x 600 @         156Hz         IF         72Hz         75Hz           802 x 602 @         IF         50Hz         70Hz         72Hz         75Hz         1124 x 758 @         60Hz         75Hz         1115 x 870 @         75Hz         1115 x 870 @         75Hz         1280 x 1024 @         60Hz         70Hz         75Hz         11600 x1200 @         60Hz         70Hz         75Hz         11600 x1200 @         60Hz         70Hz         75Hz
Save Upload 0%

Figure 11: EDID Manager – EDID Creator Tab

- SD/HD/UHD EDID supported resolution and refresh rates.
- Audio1 and Audio2 –EDID supported audio formats, audio frequencies, channels and speaker locations.
- Color Space EDID supported color formats and bit depths.
- Other data CEC Address.
- 5. Click Save.
- 6. Click **Upload** to upload the Bin file to USER.





## **Technical Note**

### **View the Firmware Version**

To view the firmware version:

- 1. Open EDID Manager.
- 2. Select the **System** tab.
- 3. View the Firmware Version.

EDID Manager	3
lp	
Link FC-17 Search Oisconnect	
EDID Controller   EDID Analyzer   EDID Creator   System	
Firmware	
Current Version : v1.0B	
	1

Figure 12: EDID Manager – System Tab



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### **Technical Note**

#### **Upgrading the Firmware**

You can upgrade the firmware via EDID Manager.

To upgrade the firmware:

- 1. Open EDID Manager on your PC.
- 2. Power the device while pressing the recessed PROG push button (1). The device enters the ISP (Program) Mode.
- 3. Connect to your PC via the PROG USB port.
- 4. Click **Search** to connect the device.

EDID Manager				
Link ISP Mode.	8	Search	🚫 Dist	connect
EDID Controller EDID	) Analyzer   EDID Cre	ator System		
моде © Internal	C External	C User		
Upload				
				Open
			0%	Upload
Internal	External	User		

Figure 13: EDID Manager - ISP Mode



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## **Technical Note**

5. Select the System tab.



Figure 14: Firmware Upgrade - System Tab

6. Click Open.





## **Technical Note**

7. Select the new firmware file and click **Open**.

K Open	-		1	and the second s	X
Look <u>i</u> n:	\mu Material		•	← 🗈 💣 📰 マ	
Ca	Name			Date modified	Туре
Recent Places	Created_Edid.bi	n		7/17/2017 2:35 PM	BIN File
Hecchi Haces	Created_Edidtes	t.bin		7/17/2017 2:43 PM	BIN File
	External_Edid.bin			1/2/2017 2:12 PM	BIN File
Desktop	FC_17_1.0B.BIN		7/17/2017 2:17 PM	BIN File	
<b>F</b>	Internal_Edid.bin		7/17/2017 2:20 PM	BIN File	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	User_Edid.bin		1/2/2017 2:11 PM	BIN File	
Libraries					
Computer					
Network					
	•			•	
	File name: FC_17_1.0B.BIN		•	Open	
	Files of type: EDID (*.bin)			•	Cancel

Figure 15: Firmware Upgrade - Opening the Firmware File





## **Technical Note**

8. Click Open.

lp	
Link ISP Mode.	Search Sconnect
EDID Controller   EDID Analyzer	EDID Creator System
Firmware Target Version : v1.0	B
C:\FC-17\Material\FC	C_17_1.0B.BIN Open
🗵 With Verification	0% Update

Figure 16: Firmware Upgrade - New Firmware Uploaded







## **Technical Note**

#### 9. Click **Update**.

Wait for update completion.

EDID Manager	X
<u>H</u> elp	
Link	1
ISP Mode.	earch S Disconnect
EDID Controller EDID Analyzer EDID Creato	r System
Firmware	
Target Version : v1.0B	
C:\FC-17\Material\FC_17_1.0B.	BIN Open
With Verification	65% Update

Figure 17: EDID Manager – Wall-plates Connected

10. Upon completion, disconnect the power and reconnect for normal operation.

