![Apantac logo]

EDID LEARNER/EMULATORS

USER MANUAL

Package Contents

EDID-L-V

- EDID-L   x 1
- VGA-E   x 1
- User manual   x 1
- DC5V to USB power cord   x 1

EDID-L-D

- EDID-L   x 1
- DVI-E   x 1
- User manual   x 1
- DC5V to USB power cord   x 1

EDID-L-H

- EDID-L   x 1
- DVI-E   x 1
- User manual   x 1
- DC5V to USB power cord   x 1

Features

- Learn the EDID from desired monitor to solve EDID issues in the system
- Store the desired EDID information in VGA-E, DVI-E or HDMI-E, passive EDID emulators.
- VGA-E, DVI-E, HDMI-E will only store the last set of EDID learned

EDID Learner

EDID-L

![EDID-L device image]

PASSIVE EDID EMULATORS

![VGA-E, DVI-E, HDMI-E emulators]

VGA-E   DVI-E   HDMI-E

DB15 ADAPTORS

![DB15-DVI and DB15-HDMI adaptors]

DB15-DVI   DB15-HDMI

HDMI 4K ADAPTER
(Optional, needed for some 4K monitors)

![HDMI-4K adapter]

HDMI-4K

![EDID-L device showing DB15 I/O, 5VDC, LED ports]

DB15 I/O   5VDC   LED

Learning VGA EDID

1. Connect the EDID-L's DB15 I/O to monitor's VGA port to learn the EDID (Blue LED will flash for 1-2 seconds)
2. Connect EDID-L's DB15 I/O to the VGA-E Emulator to store the EDID information to the emulator.   (RED LED will flash for 1-2 seconds)

Learning DVI EDID

1. Connect the EDID-L's DB15 I/O to the DB15-DVI adapter first (see figure 1), then connect the monitor's DVI port to learn the EDID (Blue LED will flash for 1-2 seconds)
2. Connect EDID-L's with the DB15-DVI adapter to the DVI-E Emulator to store the EDID information to the emulator.   (RED LED will flash for 1-2 seconds)

![Diagram showing EDID-L + DB15-DVI adapter = combined unit]

Figure 1:   Connecting the DB15 I/O to DB15-DVI adapter

Learning HDMI EDID

1. Connect the EDID-L's DB15 I/O to the DB15-HDMI adapter first (see figure 1), then connect the monitor's DVI port to learn the EDID (Blue LED will flash for 1-2 seconds)

2. Connect EDID-L's with the DB15-DVI adapter to the DVI-E Emulator to store the EDID information to the emulator. (RED LED will flash for 1-2 seconds)

 +

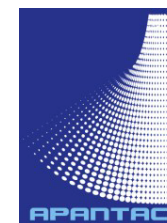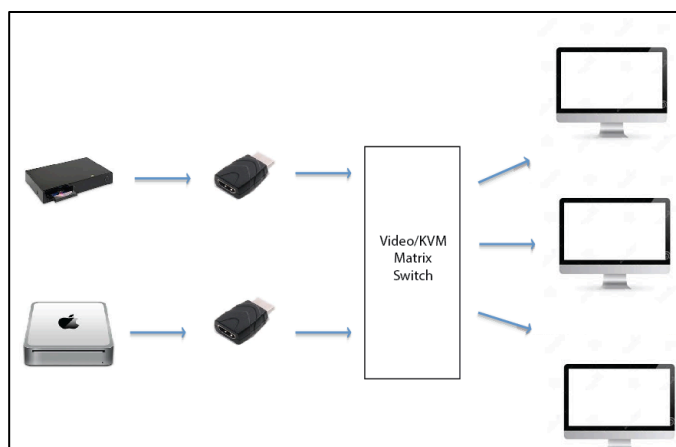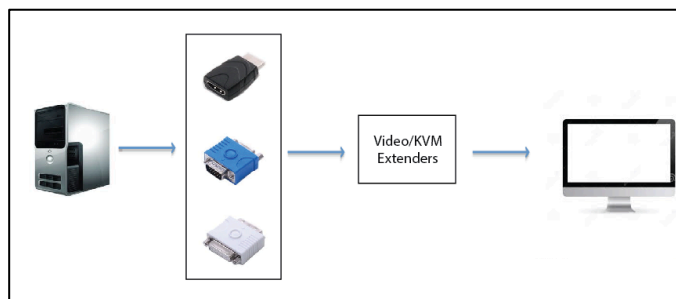Figure 2: Connecting the DB15 I/O to DB15-HDMI

Default Factory EDID

VGA-E	DVI-E	HDMI-E
640x480@60Hz	640x480@60Hz	640x480P@60Hz
640x480@67Hz	640x480@67Hz	640x480P@67Hz
640x480@72Hz	720x400@70Hz	640x480P@72Hz
640x480@75Hz	800x600@60Hz	640x480P@75Hz
720x400@70Hz	800x600@75Hz	720x400P@70Hz
800x600@56Hz	800x600@85Hz	720x480i@60Hz
800x600@60Hz	832x624@75Hz	720x480P@60Hz
800x600@72Hz	1024x768@60Hz	720x576i@50Hz
800x600@75Hz	1024x768@75Hz	720x576P@50Hz
832x624@75Hz	1024x768@85Hz	800x600P@56Hz
1024x768@60Hz	1152x720@60Hz	800x600P@60Hz
1024x768@70Hz	1152x870@75Hz	800x600P@72Hz
1024x768@75Hz	1280x800@60Hz	800x600P@75Hz
1152x864@75Hz	1280x960@60Hz	800x624P@75Hz
1152x870@75Hz	1280x1024@60Hz	1024x768P@60Hz
1280x720@60Hz	1280x1024@75Hz	1024x768P@70Hz
1280x960@60Hz	1280x1024@85Hz	1024x768P@75Hz
1280x1024@60Hz	1440x900@60Hz	1152x864P@75Hz
1280x1024@75Hz	1440x900@75Hz	1152x870P@75Hz
1440x900@60Hz	1680x1050@60Hz	1280x720P@50Hz
1600x1200@60Hz		1280x720P@60Hz
1680x1050@60Hz		1280x960P@60Hz
1920x1080@60Hz		1280x1024P@60Hz
		1280x1024P@75Hz
		1440x900P@60Hz
		1440x1050@60Hz
		1600x1200P@60Hz
		1680x1050P@60Hz
		1920x1080P@24Hz
		1920x1080P@30Hz
		1920x1080i@50Hz
		1920x1080P@50Hz
		1920x1080i@60Hz
		1920x1080P@60Hz

Specifications

Part #	EDID-L	VGA-E	DVI-E	HDMI-E
Descriptions	EDID Learner	VGA EDID Emulator	DVI EDID Emulator	HDMI EDID Emulator
Interfaces	DB15	VGA (DB15)	DVI	HDMI
Input	DB15 (Female)	DB15 (Male)	DVI-D (Male)	HDMI (Male)
Output	DB15 (Female)	DB15 (Female)	DVI-I (Female)	HDMI (Female)
LED	Red / Blue	N/A	N/A	N/A
Power	DC5V 2A	N/A	N/A	N/A
Size	70x37x24 mm	35x33x15 mm	35x37x13 mm	35x12x12 mm

Installation Examples