Specifications

Model	VDDC-120HDMI	VDDC-130HDMI
Input / Output	HDMI (F)	
Push Button	EDID Copy	EDID Program
Rotary Switch	16 default settings + 15 sets of inventory	
Slide Switch	PC / AV / Memory Mode selection	
DIP Switch	Audio channel / Color space / Scanning system / Video type selection	
Resolution (max.)	Full HD 1920 x 1080, 2048 x 1152	
LED	Multiple Colors	
HDCP Compliance	Yes	
Power Supply	*5V DC	
Housing	Metal	
Dimensions (H x W x D)	22 x 51 x 80 mm	
Weight (g)	120 ~ 130	

*If the video source can supply enough power from HDMI connector, it is optional to apply the power to the unit.

Scale of Rotary Switch

0: Auto mode, power on the unit the connected display's EDID will automatically record

1: User Recorded EDID (Manual Mode), users can perform either "Copy" or "Write" setting

1~9 & A~F: EDID Emulator, emulate the display resolution (max.) for Video source reading

1~9 & A~F: EDID Writer, write the selected resolution to the connected Video Port (Display, Extender..... Switch)

PC (HDMI) Mode	
Position	Resolution
0	Auto
1	Manual
2	1024 x 768
3	1280 x 720
4	1280 x 1024
5	1366 x 768
6	1440 x 900
7	1600 x 900
8	1600 x 1200
9	1680 x 1050
A	1920 x 1080
B	1920 x 1200
C	1280 x 800
D	2048 x 1152
E	720 x 480 / Learn color inventory
F	720 x 576 / Learn audio inventory

Rotary Switch Table

Features

EDID Ghost (DDC Ghost)
- Read and store (record) the EDID from the connecting display to the video extension system
- Tremendous system for different types of incoming EDID data reading

EDID Emulation
- Emulating EDID information ensures displaying the optimum video resolution
- Provide a default EDID, if a display's EDID is not available
- Alternatively perform the default or the copied EDID for the connected display device
- Selectable EDID functions for multimedia system integration

EDID Writing
- Upload the EDID to the connected video device
- Write the copied or pre-programmed EDID (Default EDID) to the video extension system

Package Contents

EDID FEEDER	x 1
USB Power Cable	x 1
CD with User's Manual	x 1
Foot Pad Set	x 1

Optional:
Magnetic foot pad with necessary screws   x 1
(Avoid locating it near any strong sources of electromagnetic radiation such as CRT monitors, high power electric cabling, audio equipments, and tape recorders)
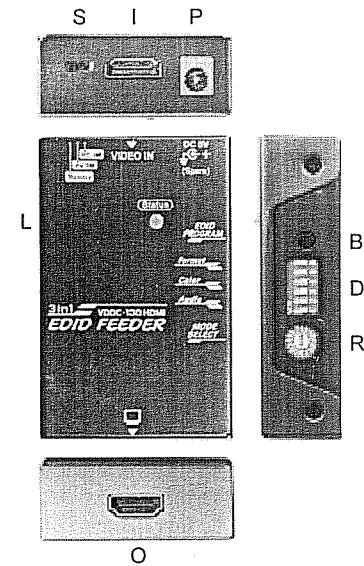
- Use only good quality connection cables to avoid interference
- Place cables away from fluorescent lights, air conditioners, and machines that are likely to generate electrical noise

EDID FEEDER

Model		HDMI
Advanced Model	Ghost + Emulation	VDDC-120HDMI
	Ghost + Emulation + Writing	VDDC-130HDMI

Also available: VGA & DVI models

□ The final specification is the actual product based.
□ Features and functions may be added or changed after the manual was written. Please visit our website to download the latest version of manual for reference.

PQ5-VZE821Z-001   CE FC RoHS

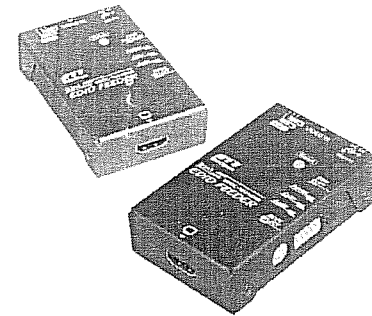## EDID Copy (EDID Ghost)

PC / AV / Memory Mode
For different applications, it is recommended applying PC Mode to desktop or laptop system. If you have Home Theater AV application, we suggest you using AV Mode for it may need more specific settings. In Memory mode, the Unit can store and perform the recorded video EDID information.

Inventory

Audio EDID	audio channel
Video EDID	resolution, frame rate, scanning system, color space
Whole EDID	Audio EDID + Video EDID

EDID Copy Operation Steps

Step 1. Set all switches to the right positions (see below)

Function	Slide Switch	Rotary Switch	DIP Switch (1~6)
Copy EDID (Whole)	PC	1	1~5: N/A / 6 (ON) →DVI
	PC	1	1~4 / 5: N/A / 6 (OFF)→HDMI
	AV	0 (Auto)	--
	AV	1 (Manual)	1~6
	Memory	0~9, A~E (15 presets for storage)	--
Copy EDID (Video-Color)	AV	E	3 (ON) & 4 (ON)
	AV	F	1 (ON) & 2 (ON)
Copy EDID (Audio)	Memory	F	1 (ON) 2 (ON)
			1 (ON) 2 (OFF)
			1 (OFF) 2 (ON)
			1 (OFF) 2 (OFF)
			(4 presets for storage)

*According to different copy methods, the system provides 1, 4 or 15 records for copied EDID storage. These data can be applied to EDID Emulation. Please refer to Advanced Operation chapter (CD) for more details.

Step 2. Apply power to the Unit (if the source cannot supply enough power)

Step 3. Connect display to Monitor Port (Video Out) on the Unit and power on the display

Step 4. Press the button "EDID Copy" or "EDID Program" and release the button RIGHT AFTER the LED flashes green.

Step 5. The LED flashes red and green alternately and then it lights blue indicating copy successfully.

Otherwise, if the LED flashes RED, it means that
a. The monitor is not properly connected
b. The monitor is not powered on
c. EDID data of the monitor is not applicable
Try to repeat Step 3 to 4 again
Be aware, the idle time-out is 20 seconds. That is, it will automatically escape from EDID Copy status if no activity is detected within 20 seconds.

For more details, please refer to User's Manual (CD).

Product Description

I	Video In	Connect to video source
O	Video Out	Connect to the input side of HDMI extender, monitor... switch
L	LED Indicator	Blue: Power on / Red: Error / Green / White / Purple: Programming / Flash twice: Configure DVI EDID / Flash three times: Configure HDMI EDID
B	Push Button	EDID Copy (VDDC-120HDMI) / EDID Program (VDDC-130HDMI)
R	Rotary Switch	Resolution selection in PC / AV Mode / Store presets in Memory Mode
D	DIP Switch	System configuration
S	Slide Switch	Mode selection (PC / AV / Memory Mode)
P	*Power Jack	Apply the proper power to the Unit (optional)

*If the video source can supply enough power from HDMI connector, it is optional to apply the power to the unit.