



HDMI EDID Emulator



Manual DA-70466

The Digitus 4K HDMI EDID Emulator continuously emulates a connected HDMI monitor so that the signal source does not change or disconnect your signal even when the connection is interrupted. It has preset EDID data (resolutions/timings), which can be found in the user manual. If EDID data of an individual monitor/display are missing, they can be read and cloned quickly and easily by means of the practical clone function. The emulator supports resolutions up to UHD 4K2K/60 Hz. The emulator offers the ideal solution for applications with HDMI extenders, splitters, switches or converters.

Package Contents

- 4K HDMI EDID Emulator
- Manual

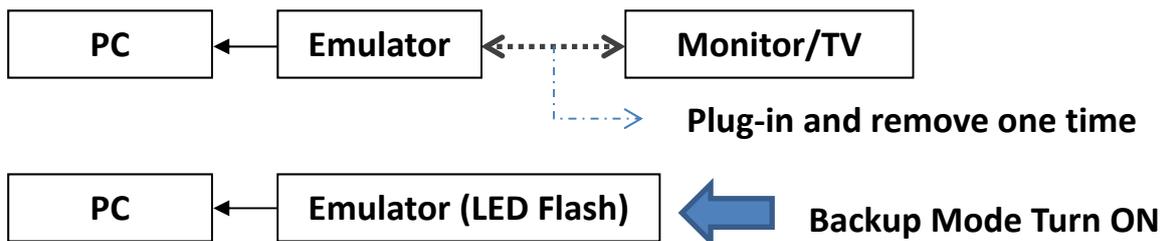


Application



Backup Mode Turn ON:

Connect to PC with Male port. Female port connect to Monitor/TV and un-plug one time. The emulator will turn on Backup Mode, and the emulator LED start flash.



When Backup Mode be Turn ON. There are 2 modes to select:

A. Emulator copy sink Monitor EDID

When Backup Mode is Turn ON (LED Flash), Connect the Monitor/TV to Emulator Female Port, the emulator EDID will copy the Monitor/TV EDID.

B. Recovery Emulator EDID

When Backup Mode is Turn ON, and the emulator female port keep empty during 10 sec, EDID in Emulator will recovery to factory setting.

EDID Recovery to Factory setting:

Fellow operation B: Turn ON the Backup Mode (LED Flash), emulator Female port keep empty and wait 10 set. The emulator EDID data will recovery to factory setting.

Default EDID resolution:

VESA Block

Established Timings I

720 x 400 @ 70Hz	(IBM, VGA)
640 x 480 @ 60Hz	(IBM, VGA)
640 x 480 @ 67Hz	(Apple, Mac II)
640 x 480 @ 72Hz	(VESA)
640 x 480 @ 75Hz	(VESA)
800 x 600 @ 56Hz	(VESA)
800 x 600 @ 60Hz	(VESA)

Established Timings II

800 x 600 @ 72Hz	(VESA)
800 x 600 @ 75Hz	(VESA)
832 x 624 @ 75Hz	(Apple, Mac II)
1024 x 768 @ 60Hz	(VESA)
1024 x 768 @ 70Hz	(VESA)
1024 x 768 @ 75Hz	(VESA)
1280 x 1024 @ 75Hz	(VESA)

Manufacturer's Timings

1152 x 870 @ 75Hz	(Apple, Mac II)
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Standard Timings

1152x864 @ 75 Hz	(4:3 Aspect Ratio)
1280x1024 @ 60 Hz	(5:4 Aspect Ratio)
1280x960 @ 60 Hz	(4:3 Aspect Ratio)
1440x900 @ 60 Hz	(16:10 Aspect Ratio)
1600x1200 @ 60 Hz	(4:3 Aspect Ratio)
1680x1050 @ 60 Hz	(16:10 Aspect Ratio)
1920x1080 @ 60 Hz	(16:9 Aspect Ratio)
1920x1200 @ 60 Hz	(16:10 Aspect Ratio)

Detailed Timing

(1920x1080 @ 60Hz)

(3840x2160 @ 30Hz)

CEA Block

3840x2160p @ 60Hz

3840x2160 @ 24 Hz 16:9 Aspect Ratios

1920x1080p @ 59.94/60Hz – HDTV (16:9, 1:1)

1920x1080i @ 59.94/60Hz – HDTV (16:9, 1:1)

1280x720p @ 59.94/60Hz – HDTV (16:9, 1:1)

720x480p @ 59.94/60Hz – EDTV (16:9, 32:27)

720x480p @ 59.94/60Hz – EDTV (4:3, 8:9)

640x480p @ 59.94/60Hz – EDTV (4:3, 1:1)

720x576p @ 50Hz – EDTV (4:3, 16:15)

720x576p @ 50Hz – EDTV (16:9, 64:45)

1280x720p @ 50Hz – HDTV (16:9, 1:1)

1920x1080i @ 50Hz – HDTV (16:9, 1:1)

1920x1080p @ 50Hz – HDTV (16:9, 1:1)

1440x480p @ 59.94/60Hz (4:3, 4:9 or 8:9³)

1440x480p @ 59.94/60Hz (16:9, 16:27 or 32:27³)

1440x576p @ 50Hz (4:3, 8:45 or 16:15³)

1440x576p @ 50Hz (16:9, 32:45 or 64:45³)

720(1440) x480i @ 59.94/60Hz – SDTV (4:3, 8:9)

720(1440) x480i @ 59.94/60Hz – SDTV (16:9, 32:27)

720(1440) x576i @ 50Hz – SDTV (4:3, 16:15)

720(1440) x576i @ 50Hz – SDTV (16:9, 64:45)

2560x1440 @ 60 Hz 16:9 Aspect Ratios

1920x1200 @ 60 Hz 16:9 Aspect Ratios

1920x1080 @ 60 Hz 16:9 Aspect Ratios

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www.assmann.com

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