

User Manual

DL-EDHDMGR18G HDMI EDID & HDCP
Manager**1. Product Introduction**

The DL-EDHDMGR is a 18G HDMI manager with EDID&HDCP management. It supports up to 4K@60 4:4:4 and HDCP2.2. The product is power by HDMI or USB-C, and it contains a CEC block switch and support auto-downscaling.

2. Feature

- 18G HDMI 2.0 4K@60 444 HDCP2.2;
- Supports EDID & HDCP manage;
- Power by HDMI or USB-C;
- CEC block switch.

3. Package

- 1x DL-EDHDMGR
- 1x User Manual QR

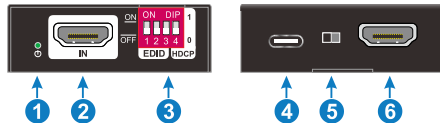
4. Specification

| Video Input | |
|------------------------|-------------------|
| Input | (1) HDMI 2.0 |
| Input Connector | (1) Female type-A |
| HDMI Input Resolution | Up to 4K@60 4:4:4 |
| Video Output | |
| Output | (1) HDMI 2.0 |
| Output Connector | (1) Female type-A |
| HDMI Output Resolution | Up to 4K@60 4:4:4 |
| General | |
| Bandwidth | 18Gbps |
| Power Supply | 5V 1A |
| Power Consumption | 2.4W(MAX) |
| Dimension (W*H*D) | 54x18x60mm |
| Net Weight | 85g |

Country of Origin

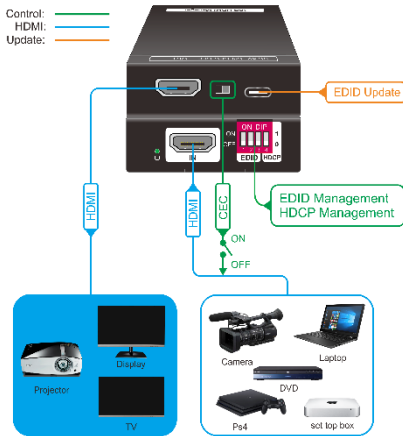
Taiwan

5. Panel Description



1. Power LED: The LED indicates green when power on.
2. HDMI IN: HDMI2.0 input, connect to source.
3. DIP Switch: 4-pin dip switch for EDID and HDCP management.
4. USB-C: USB-C is used to power the device, upload EDID and firmware upgrade.
5. CEC Switch: Turn on/off CEC
6. HDMI OUT: HDMI 2.0 output, connect to display.

6. System Connection



7. EDID&HDCP management

Predefined EDID Setting

| Switch Status | Video Resolution | Audio Format |
|---------------|-------------------------|--------------|
| 000 | obtain the Display EDID | |
| 001 | 1080p | LPCM |
| 010 | 1080p | DTS/Dolby |
| 011 | 3840x2160@30Hz HDR | LPCM |
| 100 | 3840x2160@30Hz HDR | DTS/Dolby |
| 101 | 3840x2160@60Hz HDR | LPCM |
| 110 | 3840x2160@60Hz HDR | DTS/Dolby |
| 111 | user defined EDID | |

User Defined EDID Setting

- 1) Rename the user defined EDID according to the following format:

0803C000.DAT
- 2) Connect the device to the PC with USB cable, the PC will automatically detect a U-disk named of "BOOTDISK".

- 3) Copy the EDID file into the U-disk, and then open the U-disk. If there is a SUCCESS.TXT file, it means that the EDID upload is successful.
- 4) Remove the USB cable, connect the adapter to power on the device.

HDCP management

| Switch Status | HDCP Function |
|---------------|---|
| 1 | Shows an ID code to the Source that no HDCP is supported by the device, then the source will assume that no HDCP is supported by the device and will send the content without HDCP encryption if the signal format allows it. |

| | |
|---|----------------------------|
| 0 | Switch off HDCP management |
|---|----------------------------|

8. Firmware Upgrade

- 1) Rename the upgrade file according the following format:
08009000.APP
- 2) Disconnect the HDMI and connect the DL-EDHDMGR to the PC with USB cable, the PC will detect a U-disk named of "BOOTDISK".
- 3) Copy the file into the U-disk, and then open the U-disk. If there is a SUCCESS.TXT file, it means upgrade is successful, and if there is an UNKNOW.TXT file, it means fail.



Thank you for your purchase.

Please contact us with your questions and comments.

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