

DM-ADTTR-028-1

DISPLAY ADAPTER FOR HDMI TO LVDS

Revision History

Revision	Date	Author	Change Description
1.0	25/10/2022	Stan	New Create

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1. DM-ADTTR-028-1 Adapter

1.1. Over View

This solution uses 0.71-inch high resolution (1920X1080) high brightness (3000cd/m²) OLED miniature display, which has low power consumption, small size, wide operating temperature range, bright and real colors, and high contrast ratio. It is very suitable for portable products, such as portable digital night vision, video glasses (head-mounted display). Helmet display, AR glasses display, etc., the kit contains OLED micro-display, HDMI signal driver circuit board, HDMI connection cable, power supply can also be directly from HDMI-5V, such as from HDMI, the HDMI 5V power supply capacity of the device should be more than 800mA, otherwise it should be external power supply.

1.2. Main Features

Item	Specification	Unit
Function	HDMI to LVDS	
Input interface	Micro-HDMI	
Out interface	LVDS	
Driver IC	/	
Resolution	1920*1080	
Brightness	3000cd/m ²	
Display Module	Single	
OS Support	Windows/Mac OS	
Operation Temperature	-20°C~+60°C	
Outline	37.5*16	mm
Contrast	100000:1	

1.3. External Pins

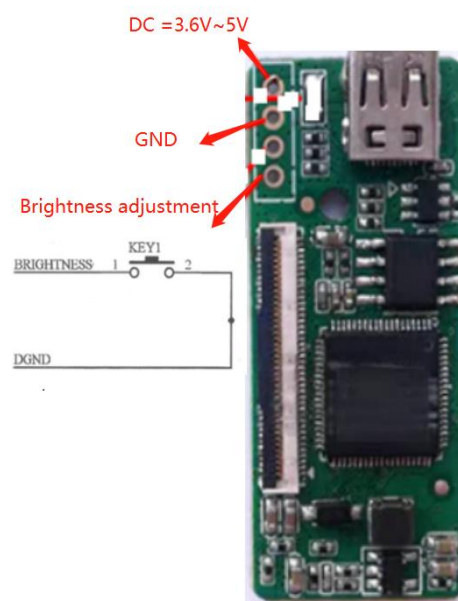
The DM-ADTTR-028-1 has two interface, the input interface is a standard type-c connector, and the output interface is a LVDS connector.

1.4. Electrical Characteristics

Item	Min.	Typ.	Max.	Unit
Power Supply	3.6		5	V
Current	800			mA
power dissipation		2		W

1.5. Package

1.5.1. Detail of board



2. Adaptive Screens

[DM-OLEDC070-661](#)

3. Support and Q&A

<http://www.displaymodule.com/pages/faq>