

# 1. Introduction to the hardware system

PS-UT-2513-A for 3.5 to 32 inches, etc; LVDS interface LCD screen is a driver board that inputs HDMI signals to drive a regular LVDS interface LCD screen, with the ability to change the resolution by jumping the cap and multi-functional OSD operation.

1.1 HDMI1.4 Video signal input

1.2 Power input: DC +12V

1.3 Multi-functional OSD operation

1.4 Automatic shutdown without signal

1.5 Headphone audio can be connected

# 2 Electrical characteristics

## 2.1 Interface Functional characteristics

| No. | Function | Name                          | Bit Number  | Parameters             | Notes                                                          |
|-----|----------|-------------------------------|-------------|------------------------|----------------------------------------------------------------|
| 1   | Enter    | Main power supply             | JP1/JW1/JW2 | 12V                    | Voltage input                                                  |
|     |          | HDMI                          | J1          | 1.4                    | HDMI version number                                            |
| 2   | Output   | Drive screen output           | CON3        | LVDS                   | Hop hop select resolution/burn software                        |
|     |          | Backlight output              | JP3         | 6 pin - 2.0            | Note the first pin                                             |
|     |          | Headphone output              | J2/J3       | Connect the headphones | Audio output                                                   |
| 3   | Jump cap | Resolution jump cap           | JP4         | Jump cap               | The location of the jump hat varies with different resolutions |
| 4   | Keyboard | Press the keyboard to operate | JP2         | OSD                    | Default five-key keyboard operation                            |