|  |  |  |  |
| --- | --- | --- | --- |
| JP1 Power interface | | Preview | Pitch |
| 1 | DC12V | image.png | 1.25mm |
| 2 | Video GND |
| 3 | CVBS output |
| 4 | GND |
| JE1 Network interface | | image.png | 1.25mm |
| 1 | RJ45\_1  (TX+) |
| 2 | RJ45\_2  (TX-) |
| 3 | RJ45\_3  (RX+) |
| 4 | RJ45\_6  (RX-) |
| 5 | Network connection indicator light (green light) |
| 6 | Network status indicator light (yellow light) |
| Sensor board  J1  IR-cut interface | |  | 1.25mm |
| 1 | IR-CUT control signal 5V- |  |
| 2 | IR-CUT control signal 5V+ |  |
| Sensor board J2  DC auto Iris interface (Support automatic aperture model: -AI) | |  | 1.25mm |
| 1 | drive- | Depend on color definition of Lens |
| 2 | damp- |
| 3 | drive+ |
| 4 | damp+ |
| Sensor board J3  Power Auto Zoom lens interface (Support Electric lens model:-AZ) | |  | 1.25mm |
| 1 | Focus A- | Depend on color definition of Lens |
| 2 | Focus A+ |
| 3 | Zoom A- |
| 4 | Zoom A+ |
| 5 | Zoom B+ |
| 6 | Zoom B- |
| 7 | Focus B- |
| 8 | Focus B+ |
| Sensor board  J4  No definition | |  |  |
| J5  Infrared Light board interface | |  | 1.25mm |
| 1 | Infrared Light board12V power output |  |
| 2 | GND |  |
| 3 | LED feedback signal input(0.8V-12V) |  |
| 4 | Infrared Light enable control |  |
| J6  function interface | |  | 1.25mm |
| 1 | Audio in | Support powerless microphone and Line in |
| 2 | Audio GND |
| 3 | Audio out |
| 4 | GND |  |
| 5 | Reset |  |
| 6 | Alarm in 1, low level effective |  |
| 7 | Alarm in 2 (reserve), low level effective |  |
| 8 | Alarm out control GPO, 3.3V level signal |  |
| 9 | RS\_485+ |  |
| 10 | RS\_485- |  |
| JU1  USB interface | |  | 1.25mm |
| 1 | GND | Support MT7601 / [RT5370](https://hupuu.com/camera/150-mbps-rt5370-usb-wifi-module-camera?sku=RT5370-WIFI) USB wifi module. Support TF card extension board. |
| 2 | USB\_DP |
| 3 | USB\_DM |
| 4 | 5V power out |
| J7 expandion board | |  | FPC |
| 1 | USB\_DP |  |
| 2 | USB\_DM |  |
| 3 | System |  |
| 4 | SDIO Work Clock |  |
| 5 | SDIO Data3 |  |
| 6 | SDIO Data2 |  |
| 7 | SDIO Data1 |  |
| 8 | SDIO Data 0 |  |
| 9 | System |  |
| 10 | SDIO Order |  |
| 11 | SDIO Power enable control signal |  |
| 12 | SDIO Card detection signal |  |
| 13 | SDIO Pull-up resistor power out |  |
| 14 | Alarm out control GPO |  |
| 15 | System |  |
| 16 | DC5V Power out |  |