

Functional features

- 270x mixed optical zoom
- 3000m Laser range finder
- High-precision encoder FOC control scheme
- Fast focusing
- IP output
- One TF card dual-recording ,network read & write



Note① : 270x mixed optical zoom : 30x optical zoom + 9 digital zoom

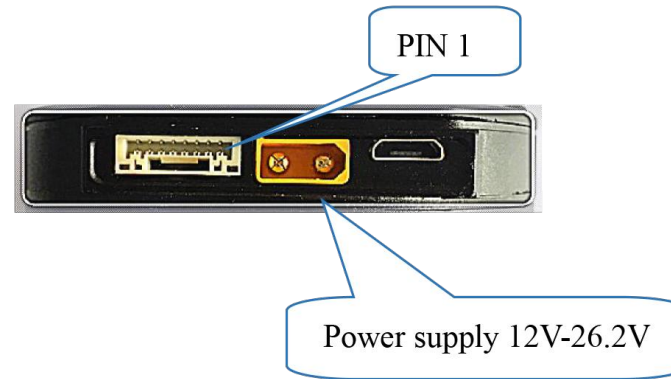
Note②: Series port: 3.3V, LVTTTL UART。



| | | |
|----------------------|------------------------|---|
| Voltage | | DC 12V-26.2V ^③ |
| Power Consumption | | Dynamic 8W |
| Gimbal Feature | Roll angle range | -45° ~ +45° |
| | Pitch angle range | -45° ~ +120° |
| | Yaw angle action range | 360°Polar rotation |
| | Mode | One click automatic quick return to the initial potion lock/follow mode |
| | Control mode | The speed is adaptive and controllable ,Support network IP and UART Serial port control |
| Visible light Camera | COMOS Sensor | 1/2.8 inch 200 mega pixels wide dynamic COMOS Sensor |
| | Optical zoom | 30x HD optical zoom camera f=4.5±10%~135±5%mm |
| | Focusing time | Real time focusing ,fast focusing time<1S |
| | Video output | Network RTSP 1080P and 480P output,Video stream ,local TF card storage |
| | Field Angle (FOV) | D : WIDE 67.8°±5% TELE 2.77°±5% H : WIDE 59.8°±5% TELE 2.34°±5% V : WIDE 40.5°±5% TELE 1.48°±5% |
| | Support Mode | 1080P 30fps |
| LRF | Infrared Wavelength | 1535nm±5nm (class I safety laser) |
| | measuring range | 20--3000m (not allowed to illuminate bojects less than 20m) |
| | Accuracy/resolution | Accuracy≤±2m; Ranging resolutions≤20m |
| Device size | | 174mm×162mm |
| Working condition | | -20℃ to +50℃ / 20% to 80% RH |
| Storage environment | | -30℃ to +60℃ / 20% to 95% RH |
| Main application | | UAV aerial photography |
| Weight | | 880±10g |

Note③: voltage:DC12V~26.2V. Note that the instantaneous voltage of the power supply cannot exceed 27V

Connection Application Diagram



| NO. | Model | InterfaceType | Interface Definition | Function |
|-----|-------|-------------------------|----------------------|-----------------------|
| 1 | 8PIN | Power spply | GND | GND |
| 2 | | Power supply | 5V | +5V output |
| 3 | | Communication Interface | Rx | Serial port receiving |
| 4 | | Communication Interface | TX | Serial port sending |
| 5 | | Communication Interface | DB- | Network Interface |
| 6 | | Communication Interface | DB+ | Network Interface |
| 7 | | Communication Interface | DA- | Network Interface |
| 8 | | Communication Interface | DA+ | Network Interface |

***Due to product upgrade, appearance/size/weight/power consumption may change slightly. Please contact sales for the latest data.**

CONTACT CHINA MONEYPRO GROUP NOW:

EMAIL: SALES@MONEYPROUAV.COM

MOBILE: +86-18126437260 (WHAT'S UP) MS. AMY LUO