

OSD

user manual V2.0



THUNDER TIGER GROUP
thundertiger.com

No.8035

Disclaimer

This product and its contents may different from the graphics shown on this manual and are subject to change without prior notice due to product improvements and specification changes.

More information can view the tutorial videos on our TTR official website (www.ttrobotix.com) or YouTube channel (<https://www.youtube.com/user/ThunderTigerVideo>)

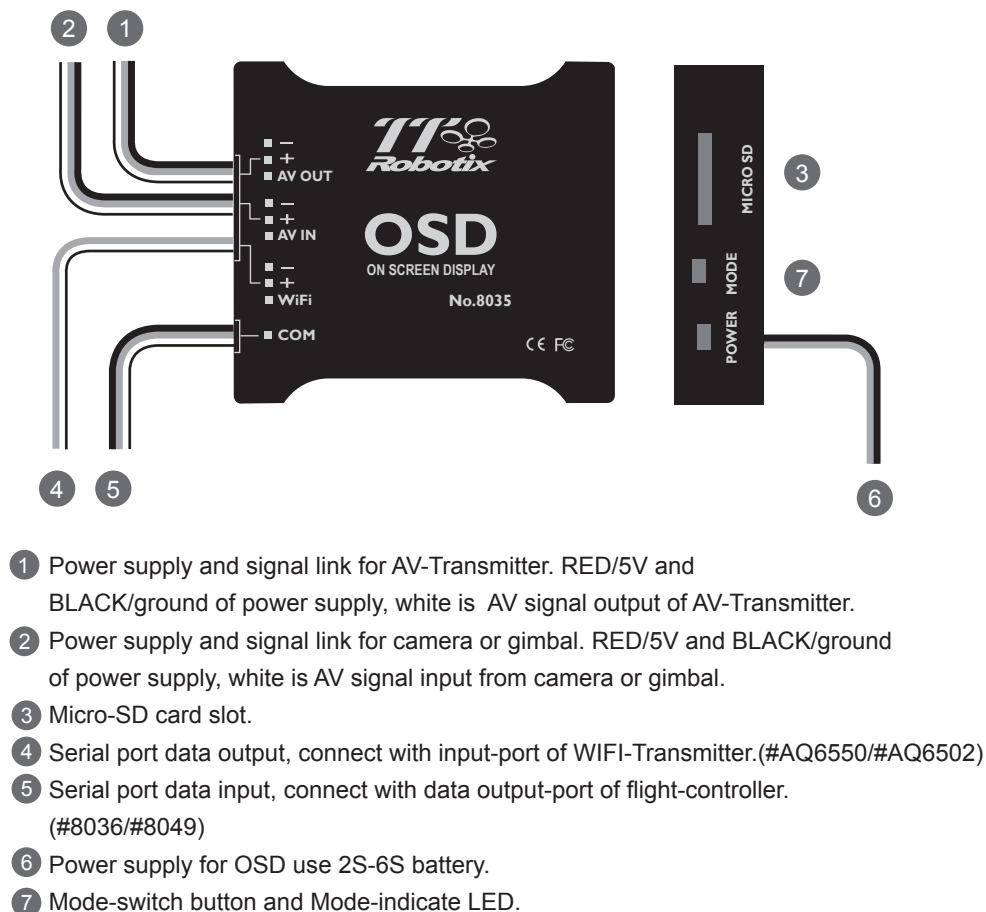
Description

OSD (On Screen Display) is an ancillary product for multi-rotor fans and aerial photography enthusiasts. It is designed to be light & solid, with an attractive appearance. It provides real time flight data for quality flight by overlay informations on the screen instantly.

Product Contents

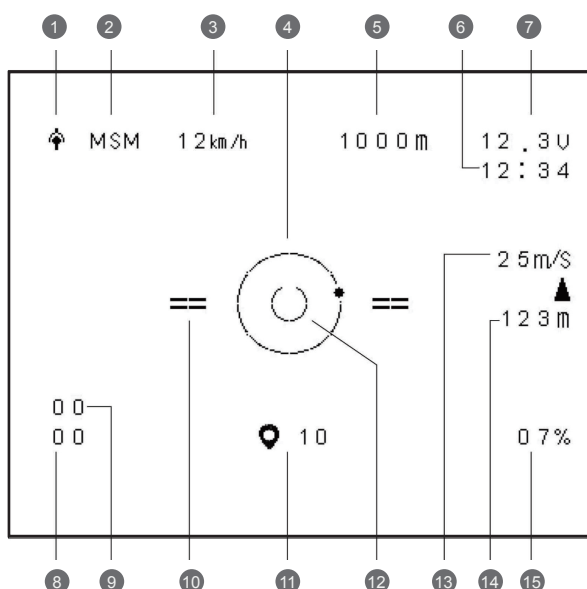
No.	Name	Amount
1	OSD mainframe	1 unit
2	Wiring	1 unit
Notice: The contents does not include micro-SD card		

Equipment Diagram



Operation

1. Screen overlay and illustration



- 1 Indicator for serial port status, visible symbol means data of serial port is irregular, symbol vanish means serial port data is normal.
- 2 Flight mode indicate: "GPS" refers to GPS-mode, "MSM" refers to Manual Altitude-mode, and "GH" refers to Return Home-mode.
- 3 Horizontal-velocity (unit: km/h).
- 4 Return voyage indicate, in order to return, the dot on the circle indicates the position where the rudder of remote should be.
- 5 Horizontal-distance between aircraft and takeoff point.
- 6 Flight time.
- 7 Battery voltage (unit: V).
- 8 Vibrate parameter.
- 9 Shake parameter.
- 10 Roll direction.
- 11 Number of the GPS satellites acquired.
- 12 Azimuth angle, the upward gap indicate the due north status.
- 13 Vertical-velocity (unit: m/s).
- 14 Horizontal-velocity (unit: m).
- 15 Accelerator indicate (unit: %).

2. Installation steps

- 1 Cut off power, and connect AV-transmitter, WIFI-transmitter, camera, gimbal, flight controller and OSD as the user manual.
- 2 After reconfirming all the connection is correct, connect OSD power port with battery. For OSD red indicate-LED keeps on and video overlaps, means the instruction install success. Otherwise cut off power to check the connection.

3. Mode switch

According to different requires, there are two modes, compact mode and detail mode. Red indicator means detail mode, and green indicator means compact mode.

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