

ZT6 Series - FAQ

No.	QUESTION	ANSWER
1	What mounting modes does the ZT6 support?	Upright mode, Upside down mode, Nose mode.
2	What platforms is the ZT6 suitable for?	VTOL, Small multi-rotor UAV, UGV, USV.
3	How to use the AI recognition function on the ZT6?	This function can only be activated when used together with the SIYI AI Tracking module.
4	What is the thermal imaging sensitivity of the ZT6?	50MK
5	What resolution does the HDMI video interface on the ZT6 output?	1080P
6	What resolution does the CVBS video interface on the ZT6 output?	720P
7	Can the video streaming bitrate of the ZT6 be reduced?	It can be indirectly reduced by changing the streaming resolution, or by sending the corresponding command via SDK.
8	Does the Type-C port on the ZT6 have any functions other than firmware upgrades and parameter adjustment?	There are no other functions. The Type-C port is only used for firmware upgrades and parameter adjustment operations.
9	When upgrading the firmware of the ZT6 by connecting it to a computer via a Type-C cable, does the gimbal need to be powered on first?	Yes, the gimbal needs to be powered on before the upgrade.
10	Does the ZT6 support automatically rotating to a specific angle upon power-on?	It is not supported, but you can send an SDK command immediately after power-on to rotate it to a specific angle.
11	What is the network port connector type of the ZT6?	GH1.25mm, 9-pin.
12	What is the power connector model of the ZT6?	GH1.25mm, 4-pin.
13	What should I do if the ZT6 gimbal is tilted or the lens shifts during flight?	<ol style="list-style-type: none"> 1. Try re-flashing the gimbal firmware. 2. Calibrate the IMU and perform an ACC calibration. 3. Calibrate the gimbal by integrating flight controller data.
14	What is the issue when the ZT6 cannot output video?	<ol style="list-style-type: none"> 1. Check whether the network communication of the video transmission link is normal; 2. Check whether the camera firmware is functioning properly; 3. Check whether the gimbal's network IP is correct; 4. Check whether the streaming address is entered correctly.
15	What is the vertical field of view of the ZT6 thermal imaging camera?	31.9° × 25.7°
16	Can the ZT6 be used as a surveillance camera?	No, it cannot.
17	What is the frame rate of the ZT6 thermal imaging lens?	30FPS