

DHI-UAV-GA-T-0600TA

Thermal PTZ Camera



- 640x512 VOx uncooled thermal sensor technology
- Support temperature measurement
- Anti-vibration Axis: 3 Axis
- Support Flight Platform: X820, X1100, X1550

System Overview

The payload is the soul of the drone. Thanks to the variety choices of payloads, drones can be used in different industries. This payload can be mounted on multiple drones, such as X820, X1100, X1550. This camera provides an all-in-one solution for capturing long distance video surveillance for outdoor applications. Together with Thermal technology, the camera's long range capabilities are able to be utilized even at night.

Functions

Reduce Vibration Design

The shock absorber board and shock absorber ball work together to guarantee PTZ camera stability and get clearer video.

Interoperability

The camera conforms to the ONVIF (Open Network Video Interface Forum) specifications, ensuring interoperability between network video products regardless of manufacturer.

Quick Assembly and Disassembly

This Payload adopts quick mounting and dismantling structure, Installation screws are secured on the shock absorber plate, in order to keep them fixed.

Technical Specification(Payload)

Resolution	640*512
Lens	19mm
Digital Zoom	16x
Temperature Range(Low)	-20 ~ 160°C
Thermal Sensitivity	<30mK@f/1.0
Temperature Range(High)	160 ~ 550°C
Temperature Tolerance	≤2%
Video Compression	H.264+/H.264
Precision	±0.01°
Anti-vibration Axis	3 Axis
Pan/Tilt Range	Pan: ±166°; Tilt: -90° ~ 45°
Pan/Tilt Speed	Pan: 130°/s; Tilt: 130°/s
Gimbal Dimension	252*240*245mm
Gimbal Features	Cruise following Cruise locked
Protection Level	IP54
Working Env. Temp.	-20 ~ 60°C
Net Weight	1174g