

DHI-UAV-GA-V-2012TC

Live Throwing PTZ Camera



- Two Hooks
- Each of the Hooks can be controlled independently.
- 1/2.8" STARVIS™ CMOS
- Powerful 12x Optical Zoom
- Support Defog
- 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 payload is integrated with a 2MP HD camera and two hooks for casting. The integrated camera can be used to accurate throw of relief supplies.

Functions

Reduce Vibration Design

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

Throwing

Each of the Hooks can be controlled independently. The metal digital steering gear is used for casting device. Each hook can be stably mounted up to 5 Kg emergency supplies or medicines, two hooks can mount totally 10Kg.

Quick Assembly and Disassembly

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

Technical Specification(Payload)

Visual Light Parameter

Sensor	1/2.8" STARVIS™ CMOS
Max. Image Resolution	1920(H)x1080(V), 2 Megapixels
Min. Illumination	Cor: 0.0038Lux@F1.6 B/W: 0.0037Lux@F1.6
Noise Reduction	2D/3D
Defog	Support
Electronic Shutter Speed	1/1s~1/30,000s
Focal Length	5.3mm~64mm

Digital Zoom	16X
Optical zoom	12x
Angle of View	H: 58.56° ~ 4.94°
Max. Aperture	F1.6 ~ F2.8
Frame Rate	Main stream: 1080P/720P/704x480 (1~25/30fps)
	Sub stream1: 704x480/352x240(1~25/30fps)
	Sub stream2: 704x480/352x240(1~25/30fps)
Video Compression	H.265/H.264+/H.264
Storage	Micro SD Card 128G

Throwing Parameter

Max. load weight	10kg
Qty.	2pcs
Release mode	Individual by Remote control

PTZ Parameter

Precision	±0.01°
Anti-vibration Axis	3 Axis
Pan/Tilt Range	Pan: ±45°; Tilt: -90° ~ 45°
Pan/Tilt Speed	Pan: 130°/s; Tilt: 130°/s
Gimbal Dimension	155.4*114*238.3mm
Gimbal Features:	Cruise following
Protection Level:	IP54
Working Env. Temp.	-20 ~ 60°C
Net Weight	829g