

# UAV-GA-V-2030ULP

## Live Broadcasting PTZ Camera



### 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 combined with high definition camera and spotlight can be used for night search and rescue, night city patrol.

### Functions

#### Reduce Vibration Design

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

#### Spotlight

The lights are powered by the battery of aircraft to ensure long working hours.

#### 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
Mim. 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

- Illumination Distance: 500m
- 1/2.8" STARVIS™ CMOS
- Powerful 30x Optical Zoom
- Support Defog
- Support Flight Platform: X820, X1100, X1550

Focal Length	5.3mm~64mm
Digital Zoom	16X
Optical zoom	30x
Angle of View	H: 58.56° ~ 4.94°
Max. Aperture	F1.6 ~ F2.8
Max.Frame Rate	50/60fps@1080P
Video Compression	H.265/H.264+/H.264
Storage	Micro SD Card 128G
<b>Spotlight Parameter</b>	
Illumination Distance	500m
Luminous Intensity	3000lm
<b>PTZ Parameter</b>	
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	131*247.1*229.6mm
Gimbal Features:	Cruise following
Protection Level:	IP54
Working Env. Temp.	-20 ~ 60°C
Net Weight	1167g