

DHI-UAV-GA-V-2045U

2MP 40x PTZ Camera



- 1/2.8" STARVIS™ CMOS
- Powerful 40x Optical Zoom
- Support Defog
- Anti-vibration Axis: 3 Axis
- Support Flight Platform: X650, 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 X650, X820, X1100, X1550. Featuring powerful optical zoom and accurate pan/tilt/zoom performance, this camera provides an all-in-one solution for capturing long distance video surveillance streams for outdoor applications.

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)

Sensor	1/2.8" STARVIS™ CMOS
Max. Image Resolution	1920(H)x1080(V), 2 Megapixels
Min. Illumination	Cor: 0.016Lux@F1.6 B/W: 0.000131Lux@F1.6
Noise Reduction	2D/3D
Defog	Support
Electronic Shutter Speed	1/1s~1/30,000s
Electronic Image Stabilization (EIS)	Support

Focal Length	4.38mm~177.9mm
Digital Zoom	16X
Optical zoom	40x
Angle of View	H: 66.55° ~ 1.95°
Max. Aperture	F1.6 ~ F4.95
Frame Rate	Main stream: 1080P/1280×960/720P(1~25/30fps)
	Sub stream1: 704×480/352×240(1~25/30fps)
	Sub stream2: 720P/704×480/352×240(1~25/30fps)
Video Compression	H.265/H.264+/H.264
Storage	Micro SD Card 128G
Precision	±0.01°
Anti-vibration Axis	3 Axis
Pan/Tilt Range	Pan: ±173°; Tilt: -90° ~ 45°
Pan/Tilt Speed	Pan: 130°/s; Tilt: 130°/s
Gimbal Dimension	135*175*170mm
Gimbal Features	Cruise following Cruise locked
Auto-tracking	Support
3D positioning:	Support
Protection Level:	IP54
Working Env. Temp.	-20 ~ 60°C
Net Weight	946g