dahua
TECHNOLOGY

DHI-UAV-GA-V-8048U-AI

4K 48x PTZ Camera with AI Features

- 1/1.7" STARVIS™ CMOS
- Powerful 30x Optical Zoom
- Support Defog
- Anti-vibration Axis: 3 Axis
- Front-end Face Recognition
- Support Flight Plantform: 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. Featuring powerful optical zoom and accurate pan/titl/zoom performance, this camera provides an all-in-one solution for capturing long distance video surveillance treams for outdoor applicaitons.

Functions

Reduce Vibration Design
The shock absorber board and shock absorber ball work together to guarantee PTZ camera stability and get clearer viedo.

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 dismatling structure, Installation screws are secured on the shock absorber plate, in order to keep them fixed.

Technical Specification(Payload)

Sensor	1/1.7" 12Megapixel STARVIS™ CMOS
Max.Image Resolution	3840(H)×2160 (V), 12 Megapixels
Mim. Illumination	Cor:0.001Lux@F1.5 B/W:0.0001Lux@F1.5
Noise Reduction	2D/3D
Defog	Support
Electronic Shutter Speed	1/1s~1/30,000s

Electronic Image Stabilization (EIS)	Support
Focal Length	5.7mm~256mm
Digital Zoom	16X
Optical zoom	48x
Angle of View	H: 59° ~ 2.4°
Max. Aperture	F1.64 ~ F4.6
Max.Frame Rate	30fps@4K,30fps@1080P
Video Compression	H.265/H.264+/H.264
Storage	Micro SD Card 128G
Presision	±0.01°
Anti-vibration Axis	3 Axis
Pan/Tilt Range	Pan: ±170°; Tilt: -90° ~ 45°
Pan/Tilt Speed	Pan: 130°/s; Tilt: 130°/s
Gimbal Dimension	194*188*130mm
Gimbal Features	Cruise following Cruise locked
Auto-tracking	Support
3D positioning:	Support
Protection Level:	IP54
Working Env. Temp.	-20 ~ 60°C
Net Weight	1500g

Onvif