

Detailed specifications

Material	Nylon + fiberglass
Pod dimensions	60.3×60×96.3 mm
Pod weight	126±10g
Operating temperature	-10°C ~ 55°C
Storage temperature	-25°C ~ 55°C
Protection level	IP43
Stable image axis	Three-axis (heading/pitch/roll)
Angle working range	-145°~145° (heading); -110°~25° (pitch); ± 30° (Horizontal Roll)
Control signals	TTL serial communication, TCP, UDP
Input voltage	12V
Power	4W
Video interface	Network port
Gimbal working mode	Enable follow (default); Disable follow-up; FPV mode; One click down
Gimbal control mode	Speed control; Angle control; Pointing and moving; Target tracking
Image storage format	JPG
Video storage format	MP4
Video encoding type	H.264 / H.265 (default)

Video output format	1920*1080@30fps
Supports storage capacity	Mirco SD: 32GB (minimum) / 512GB (max)

Visible light module

Visible light pixels	5 million
Optical zoom multiplication	4 times
Mixed electron multiplication	24 times
Sensors	1/2.65 " Progressive Scan CMOS
Focal length	Short focal length: 6.8mm, telephoto: 25mm
Optical zoom control mode	Speed control, multiple-rate control
Visible light field of view	Short focal length: D53°, H47°, V27.7° Telephoto: D15°, H13°, V7°

AI target tracking module

Automatically detects target types	Typical targets such as vehicles and personnel
Object detection rate	≥90%
Resistant to target distortion/occlusion	Automatic

Target switching tracking

Support

Target tracking mode

Identification tracking

Track the method of
selecting targets

Guidance and tracking

Tracking automatically
doubles

Support

Neural network
computing power

0.5 TOPS