

QZ-MT360

Three Light Micro Electro-Optical Pod



Applications

- Public Security
- Fire Fighting
- Electrical Inspection
- Photovoltaic Inspection
- Forest Fire Prevention
- Search&Rescue

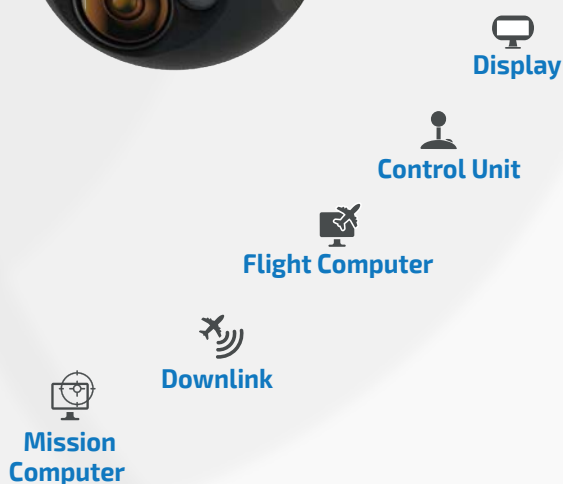
Technical info:

KG	≤0.385Kg
∅	90.5mm

Three Light Micro Electro-Optical Pod

Features

- ★ Quick disassembly structure design, easy for load one-hand quick replacement
- ★ Extremely light and small, weight $\leq 365\text{g}$;
- ★ Supports course rotation in full Angle range (360°)
- ★ With target recognition, target tracking, image compression and other functions
- ★ Wide voltage 14~28V input, dynamic power consumption control
- ★ Long Infrared Identification Distance, $\geq 1.6\text{km}$ (vehicle)



SYSTEM CHARACTERISTICS

Platform Type: Triple-Triaxial
 Pitch: $90^\circ \sim +90^\circ$
 Roll: $-50^\circ \sim +50^\circ$
 course: $n \times 360^\circ$ infinite
 Max Angular Velocity: $\geq 100^\circ / \text{s}$
 Max Angular Acceleration: $\geq 90^\circ / \text{s}^2$ Angular
 Position Accuracy: $\leq 0.1^\circ$ Position Accuracy: $\leq 0.1^\circ$

SYSTEM DESCRIPTION

System Type: Gyro stabilization
 Weight: $\leq 385\text{g}$

Visible Light Imaging (large field of view)

Resolution and Frame Rate : $1920 \times 1080 @ 60\text{fps}$
 FOV(Focal length): $52.8^\circ \times 31.2^\circ$ (5.6mm)

Visible Light Imaging (small field of view)

Resolution and Frame Rate : $640 \times 512 @ 60\text{fps}$
 FOV(Focal length): $18.1^\circ \times 14.5^\circ$ (24mm)

Tracking Module

Frame Rate: 60Hz
 Tracking Velocity: ± 48 Pixel/Frame

Laser Ranging

Laser Ranging: 3km ($\pm 1\text{m}$)

System External Interface

Control Interface: RS232/network TCP
 Video output: network

POWER SUPPLY

Power Interface: 14~28V
 Consumption: Average $\leq 10\text{W}$, Max $\leq 20\text{W}$

Environmental Condition

Working Temperature: $-40^\circ\text{C} \sim +60^\circ\text{C}$
 Storage Temperature: $-50^\circ\text{C} \sim +70^\circ\text{C}$

QZQ reserves the right to change specifications without prior notice.