

QZ-MT360A

Three Light Micro Electro-Optical Pod



Applications

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

Technical info:

KG	≤0.365Kg
∅	90.5mm

QZ-MT360A

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



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: $\leq 365\text{g}$

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 : $1920 \times 1080 @ 60\text{fps}$
FOV(Focal length): $9.1^\circ \times 5.1^\circ$ (35mm)

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/networkTCP
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: $-50^\circ\text{C} \sim +70^\circ\text{C}$

QZZQ reserves the right to change specifications without prior notice.