

# QZ30Pro

## Triaxial Single Light Electro-Optical Pod

### Main Features

- ◇ Integrated design, quick disassembly structure, easy installation
- ◇ 30x continuous optical zoom
- ◇ With AI human and vehicles recognition function
- ◇ 360° infinite cycle rotation
- ◇ Small size, light weight, low power consumption



### Technical Specification

#### System Description

System type Gyrostabilization

Weight ≤890g

#### Structure Design

Platform type Three-axis

Course  $n \times 360^\circ$  infinite position

Pitch  $-90^\circ \sim +30^\circ$

Roll  $-45^\circ \sim +45^\circ$

Max angular velocity:  $\geq 60^\circ/s$

Stabilization precision:  $0.1\text{mrad}(1^\circ/2\text{HZ})(1\sigma)$

Angular position accuracy:  $\leq 0.3^\circ$

#### Visible Light 30x Zoom Imaging

Resolution 1920×1080 @60fps

FOV  $63^\circ \sim 2.4^\circ$

Imaging sensor 1/2.8 英寸 CMOS

Focal length  $f=4.5\text{mm} \sim 135\text{mm}$

#### 跟踪模块

帧率 60Hz

最小目标对比度 5%

目标尺寸  $16 \times 16 \sim 128 \times 128$  像素

跟踪速度  $\geq 40^\circ/s$

#### 系统外部接口

控制接口 232 串口、网络

视频输出 UDP/RTSP

电源接口 12 ~ 28V

功耗  $A_v \leq 15\text{W}$ ,  $\text{MAX} \leq 30\text{W}$

#### 环境条件

工作温度  $-10^\circ\text{C} \sim +50^\circ\text{C}$

储存温度  $-20^\circ\text{C} \sim +50^\circ\text{C}$

### Structure Design

