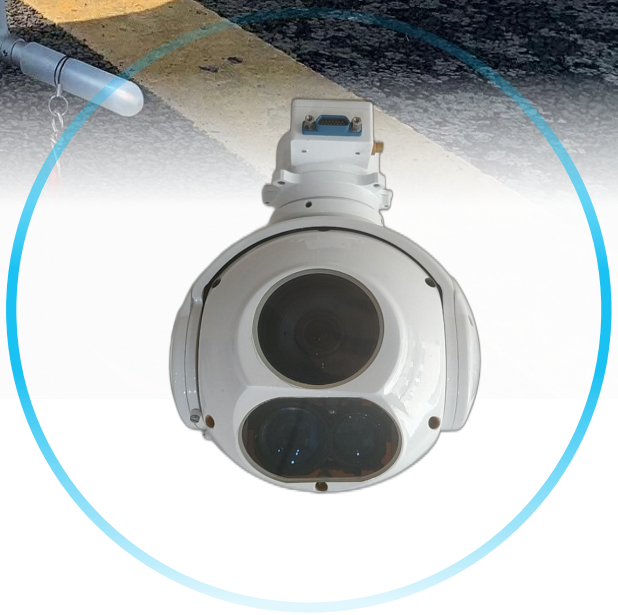
QZ01A

Miniature ISRT Systems for Small UAVs



The **QZ01A** is a member of the STAMP Stabilized Miniature Payload family, which was developed to meet demanding Intelligence, Surveillance, Reconnaissance and Targeting (ISRT) missions on Small UAV (SUAV) platforms.

The STAMP systems provide maximum sensor range performance by using highly sensitive sensors, gyro-stabilization and unique video enhancement algorithms.

QZZQ's STAMP family of EO/IR systems are ruggedized for high shock landings, which are common amongst SUAV platforms.

Technical info:

KG	980g
Ø	120mm
KM	1.00km

Applications

Realtime Situation Awareness and Tactical Response
Over-the-Hill Reconnaissance
Special Operations
Force Protection
Law Enforcement
Search & Rescue

KM the longitude, latitude and distance of the object within 1.0km

QZZQ 清正电子

QZ01A

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Features

AI identification function supported
Get far and near in sight
All directional object tracking
Military class working condition
Small and light, but powerful
High compatibility with multi-interface

Electro-Mechanical

Type:	2 Gimbals Gyro-stabilized System
Field of Regard:	Azimuth:360° x N (connuous) Pitch:-110°～+10°
Angular Velocity:	Up to 50° / Sec

Full HD Daylight Channel

Resolution	1920x1080
Lens Focal Length	4.3mm ~ 129mm
FOV	63.7°~1.1°
Optical Zoom	30x
Digital Zoom	2x

Laser Rangefinder

Accuracy	±3m
Range	1,000m

Physical Characteristics

Weight (Turret):	980g (2.16lb)
Dimensions (Turret):	(Ø)120mm (4.72”) x (H)171mm (6.73”)

Electrical Interface

Voltage:	10V ~ 14V
Power Consumption:	15W typical/30W peak
Video Outputs:	HD-SDI, 1080p, 30Hz
Communication:	RS422

Environmental Conditions

Temperature:	-20～＋60

QZZQ reserves the right to change specifications without prior notice.

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