

Long Endurance Patrol Unmanned Aircraft

Efficiency Revolutionizes Innovation



Shadow S3



100min
Maximum
Endurance



15KM
Real-time HD
Video Transmission



Level 7
Wind Resistance



100km/h
Maximum
Flying Speed



AI Recognition
Target Tracking
and Recognition

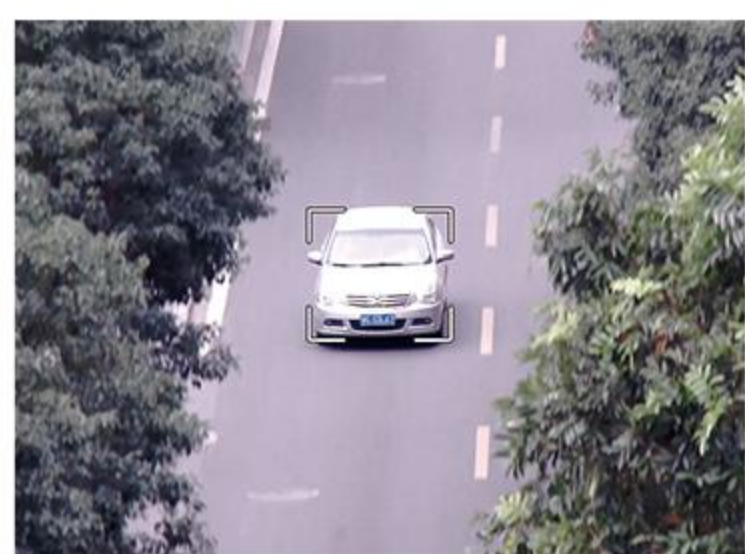


Innovation
New Experience

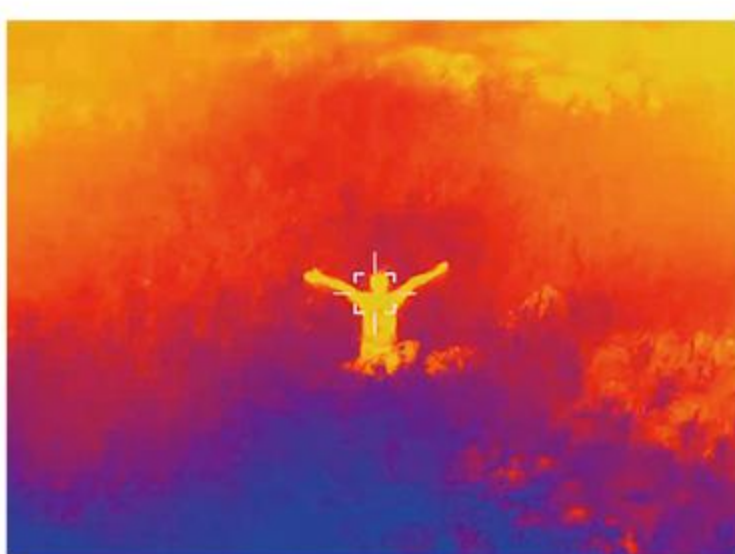
Overall Dimensions	1221*157*442mm (Assembled) 536*237*332mm (Disassembled)	Main Rotor Diameter	1332mm
Maximum Endurance	100min	Wind Resistance	Level 7
Maximum Take-off Weight	7kg	Hovering Ceiling	7000m
HD Video Transmission Distance	15km	Hover Accuracy	Vertical: ±2.0m (GPS) Horizontal: ±1.5m (GPS)
Maximum Horizontal Speed	100km/h	Obstacle Avoidance Function	support
Cruising Speed	70km/h	Maximum Climb/Descend Speed	4m/s
Aircraft Weight	6.6kg (with battery)	Storage Temperature	-20℃ ~ +45℃
Battery Weight	3kg	Operating Temperature	-20℃ ~ +55℃

10X Laser Ranging POD

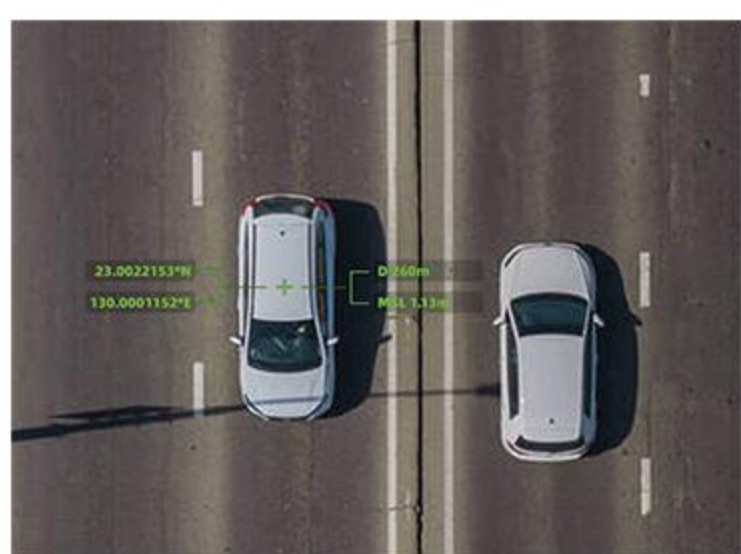
Visible / Infrared / Laser ranging / Tracking / Position acquisition



10X Enhanced optical zoom
Visible Light
Sensor Parameters



**Focal length: 25mm
Effective Pixel: 640*512**
Infrared Thermal
Imaging Parameters



1200m
Measuring Range



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EFFICIENT AND INNOVATIVE

100 Minutes of Flight Endurance

- A wide range of operations in a single sortie, reducing frequency of landings and battery replacement

NEW INTERACTION

From Solid to Flat - Simplify the Complex

- Full touch screen control, user-friendly UI, game-like control experience
- Easy to use, reduced risk of misoperation



Payload

- 10X Laser Ranging POD
- Megaphone
- Searchlight



10X Laser Ranging POD



Megaphone + Searchlight

Accessories

- Handheld Ground Control Station
- Battery Box
- Portable Backpack



Handheld Ground Control Station



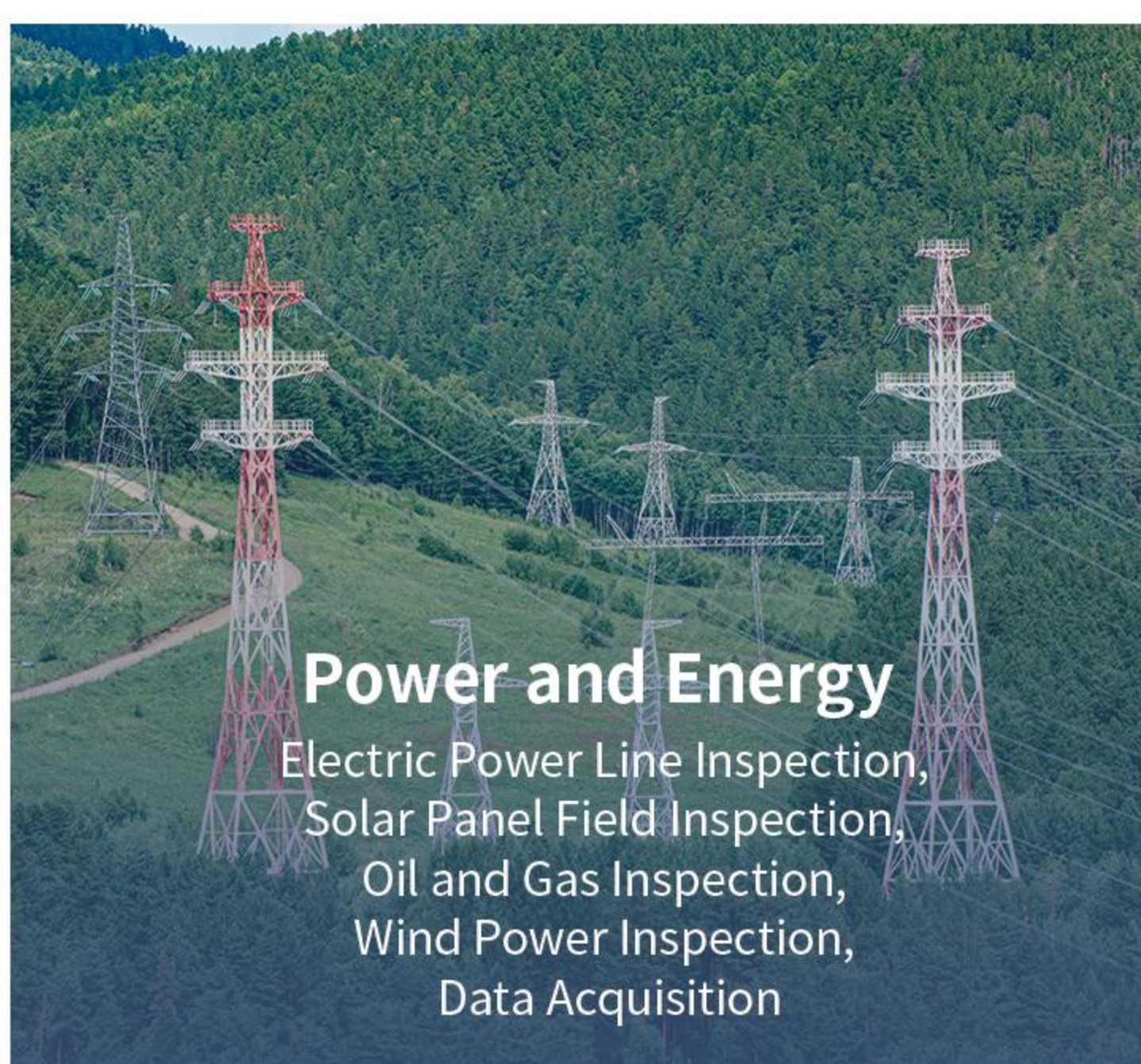
Battery Box



Portable Backpack

Industry Applications

Make it your best work partner



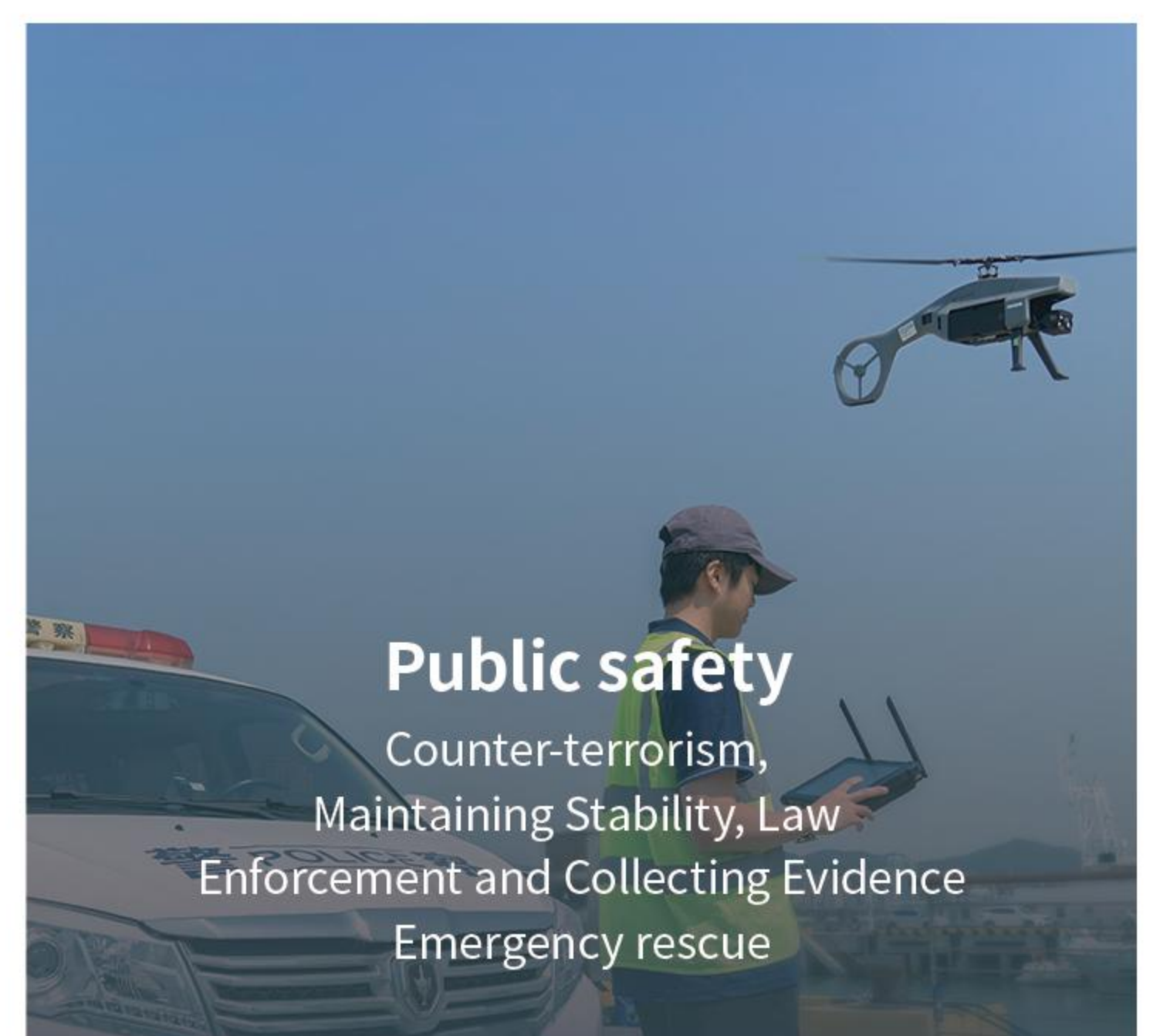
Power and Energy

- Electric Power Line Inspection,
- Solar Panel Field Inspection,
- Oil and Gas Inspection,
- Wind Power Inspection,
- Data Acquisition



Marine Applications

- Marine Monitoring and Inspection,
- Shoreline Mapping,
- Marine Patrolling,
- Marine Law Enforcement,
- Coastline Inspection



Public safety

- Counter-terrorism,
- Maintaining Stability, Law Enforcement and Collecting Evidence
- Emergency rescue