



DRONE SOLUTIONS PROFILE 2026

Professional Drone Systems from China



COMPACT
QUADCOPTER



ENTERPRISE
QUADCOPTER



VTOL FIXED-WING

DRONE APPLICATIONS & SOLUTIONS

Enterprise use cases across real-world industries



01

SURVEYING & MAPPING



Orthomosaics, 3D models, topographic data, and land measurement.



02

REAL ESTATE & CONSTRUCTION



Progress tracking, site documentation, facade inspection, and marketing visuals.



03

SECURITY & PATROL



Perimeter monitoring, thermal awareness, and rapid incident response.



04

UTILITIES & INFRASTRUCTURE



Inspection of powerlines, solar plants, bridges, pipelines, and roofs.



05

EMERGENCY RESPONSE



Search & rescue, public safety, and fast situational awareness.



06

AGRICULTURE & LAND MONITORING



Crop observation, irrigation monitoring, and large-area assessment.



WHY ZEDX DRONE SOLUTIONS



Enterprise platforms sourced from China



Thermal, zoom, mapping, and VTOL options



Professional sourcing and integration support



Suitable for commercial and industrial operations

FEATURED DRONE PORTFOLIO

Representative Chinese-market enterprise drone platforms

01

DJI Matrice 4T

Compact enterprise quadcopter



- Max flight time: 49 min
- Transmission: up to 25 km (FCC) / 12 km (CE/SRRC)
- Sensors: wide, medium tele, tele, thermal, laser range finder

Typical uses: inspection, security, emergency response

02

DJI Matrice 400

Heavy enterprise platform



- Max flight time: 59 min
- Max payload: 6 kg
- Integrated rotating LiDAR and mmWave radar
- Typical uses: industrial inspection, public safety, payload integration

03

Autel EVO Max 4T

Enterprise quadcopter



- Max flight time: 42 min
- Transmission: up to 15 km (FCC) / 8 km (CE/SRRC)
- Sensors: wide, zoom, thermal, laser range finder
- Typical uses: security, patrol, search & rescue

04

JOUAV CW-15

Electric VTOL fixed-wing



- Endurance: 180 min empty / 120 min with payload
- Payload: 3 kg
- Typical uses: mapping, inspection, long-range survey

05

JOUAV CW-30E

Hybrid VTOL fixed-wing



- Max flight time: 480 min
- Payload: 6 kg
- Control range: up to 200 km
- Typical uses: corridor inspection, long-range monitoring

DRONE CATEGORIES & PLATFORM TYPES

MATCHING THE RIGHT UAV PLATFORM TO THE RIGHT MISSION



1. COMPACT ENTERPRISE QUADCOPTERS

Portable systems for inspection, patrol, thermal observation, and rapid deployment.

TYPICAL STRENGTHS:

Portability, fast setup, multi-sensor payloads.



2. HEAVY ENTERPRISE MULTIROTORS

Larger industrial drones designed for advanced sensors, longer mission capability, and payload integration.

TYPICAL STRENGTHS:

Payload flexibility, safety systems, industrial workflows.



3. ELECTRIC VTOL FIXED-WING

Hybrid takeoff-and-land systems for long-range mapping, corridor inspection, and wide-area survey.

TYPICAL STRENGTHS:

Long endurance, runway-free operation, mapping efficiency.



4. HYBRID LONG-ENDURANCE VTOL

Extended-range aircraft for infrastructure, pipeline, utility corridor, and regional monitoring missions.

TYPICAL STRENGTHS:

Maximum endurance, long corridors, broad coverage.

BEST-FIT SELECTION

	COMPACT ENTERPRISE QUADCOPTERS	HEAVY ENTERPRISE MULTIROTORS	ELECTRIC VTOL FIXED-WING	HYBRID LONG-ENDURANCE VTOL
PORTABILITY	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●
PAYLOAD CAPACITY	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●
ENDURANCE	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●
COVERAGE AREA	●●●●●●●●	●●●●●●●●	●●●●●●●●	●●●●●●●●

MISSION PAYLOADS & SENSOR OPTIONS

Optical, thermal, mapping, and industrial sensing capabilities



1. WIDE CAMERA

for general observation, documentation, marketing visuals, and site overview.



2. ZOOM CAMERA

for stand-off inspection, security awareness, and detailed target observation.



3. THERMAL IMAGING

for heat detection, patrol, firefighting support, search and rescue, and night missions.



4. LASER RANGE FINDER

for distance measurement, object location, and precise situational referencing.



5. LiDAR MAPPING

for terrain capture, vegetation penetration, powerline survey, and corridor modeling.



6. MULTISPECTRAL / SURVEY PAYLOADS

for agriculture, land analysis, crop observation, and advanced mapping workflows.

TYPICAL MISSION SETS



INSPECTION & UTILITIES

- Zoom Camera
- Laser Range Finder
- Thermal Imaging
- LiDAR Mapping



SECURITY & PATROL

- Wide Camera
- Thermal Imaging
- Zoom Camera
- Laser Range Finder



SURVEYING & MAPPING

- LiDAR Mapping
- Wide Camera
- Multispectral Payloads
- Laser Range Finder



AGRICULTURE & ENVIRONMENT

- Multispectral Payloads
- Thermal Imaging
- LiDAR Mapping
- Wide Camera

SOLUTIONS & USE CASES

Professional drone solutions for every critical mission



01 PUBLIC SAFETY

Rapid situational awareness, search & rescue, disaster response, and incident assessment.



02 INFRASTRUCTURE INSPECTION

Safe, efficient inspections of bridges, buildings, towers, pipelines, and critical assets.



03 SURVEYING & MAPPING

High-accuracy data capture, 3D modeling, topographic mapping, and volume measurements.



04 SECURITY & SURVEILLANCE

Perimeter monitoring, real-time video, threat detection, and intelligence gathering.



05 AGRICULTURE

Crop monitoring, precision spraying, health analysis, and yield optimization.



06 ENERGY & RESOURCES

Asset inspection, site monitoring, environmental surveys, and operational efficiency.



RELIABLE PERFORMANCE

Engineered for stability, precision, and mission-critical reliability.



INDUSTRIAL GRADE QUALITY

Built with premium components and rigorously tested for demanding environments.



COST EFFECTIVE

Maximize productivity and ROI with efficient, scalable solutions.



PROFESSIONAL SUPPORT

Expert guidance, training, and responsive after-sales support you can trust.

WHY CHOOSE ZEDX

Your trusted partner for professional drone solutions from China



AUTHENTIC PRODUCTS

Direct access to genuine, high-quality drones and components from leading manufacturers.



WIDE RANGE OF SOLUTIONS

From enterprise drones to accessories and payloads—comprehensive options to meet your project needs.



EXPERT CONSULTATION

Benefit from our industry knowledge and technical expertise to make the right choice.



CROSS-BORDER SOURCING SUPPORT

End-to-end assistance with sourcing, logistics, and documentation—seamless and hassle-free.



SCALABLE PORTFOLIO

Flexible solutions for businesses of all sizes, from pilot projects to large-scale deployments.



PRESENTATION-READY QUALITY

Products and materials that reflect your professionalism and help you win client trust.



IDEAL CLIENT SEGMENTS



DEVELOPERS



CONTRACTORS



UTILITIES



SECURITY
OPERATIONS



SURVEY &
ENGINEERING FIRMS

REAL ESTATE & PROPERTY DEVELOPMENT SOLUTIONS

How drone systems support construction, development, sales, and project control.

1 PROJECT PROGRESS MONITORING

Track construction progress, compare milestones, and create periodic visual reports.



2 AERIAL SITE DOCUMENTATION

Capture complete overhead views for archives, management reviews, and stakeholder communication.



3 MARKETING & SALES VISUALS

Produce cinematic visuals, project showcases, and promotional media for developers.



4 FACADE & ROOF INSPECTION

Inspect elevations, cladding, roofs, and external building conditions safely and efficiently.



5 LAND SURVEY & PLANNING

Support topographic review, land analysis, and early-stage planning decisions.



6 INVESTOR & CLIENT REPORTING

Deliver clear visual updates for investors, consultants, and project owners.



VALUE TO DEVELOPERS



Faster reporting cycles



Better project visibility



Safer inspections



Stronger presentation quality



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PROFILE 2026 | 09