



DRONES FOR INSPECTIONS



At Drones For Building Inspections, we utilize advanced drone technology to provide safe, efficient, and highly detailed assessments of your building's condition. Our services are designed to give you comprehensive insights, reduce risk, and save you time and money.

Core Inspection Services:

Rooftop Inspections:

Detailed visual inspection for leaks, missing or damaged shingles/tiles, structural issues, flashing problems, debris buildup, and gutter conditions.

Identification of wear and tear, punctures, and overall roof integrity.

Inspection of rooftop equipment (HVAC units, solar panels, vents, chimneys).

Building Façade & Exterior Wall Inspections:

Comprehensive visual assessment of all sides of the building, including hard-to-reach areas.

Detection of cracks, spalling concrete, efflorescence, water intrusion, sealant failures, and other structural defects.

Inspection of windows, doors, balconies, and railings for damage or compromise.

Thermal Imaging & Energy Efficiency Analysis:

Utilizing thermal cameras to identify heat loss, inadequate insulation, moisture intrusion, and potential electrical issues within the building envelope.

Pinpointing areas of energy inefficiency for targeted improvements.

Structural Assessment:

High-resolution imagery of foundations, load-bearing walls, support structures, and other critical structural elements.

Assessing for visible signs of stress, shifting, or damage that could impact structural integrity.

Building Envelope Inspections:

Detailed examination of the entire exterior shell of the building to identify issues related to weatherproofing, insulation, and overall building performance.

Detecting air leaks, water leaks, and other vulnerabilities.

A low-angle photograph looking up at a modern skyscraper with a glass facade. A drone is flying in the air to the left of the building, its propellers blurred from motion. The sun is visible behind the drone, creating a bright lens flare. The building's glass reflects the sky and the drone. The overall scene is set against a clear blue sky.

Facade Inspections

Our Drone Building Inspection Services:

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Core Inspection Services:

- **Rooftop Inspections:**
 - Detailed visual inspection for leaks, missing or damaged shingles/tiles, structural issues, flashing problems, debris buildup, and gutter conditions.
 - Identification of wear and tear, punctures, and overall roof integrity.
 - Inspection of rooftop equipment (HVAC units, solar panels, vents, chimneys).
- **Building Facade & Exterior Wall Inspections:**
 - Comprehensive visual assessment of all sides of the building, including hard-to-reach areas.
 - Detection of cracks, spalling concrete, efflorescence, water intrusion, sealant failures, and other structural defects.
 - Inspection of windows, doors, balconies, and railings for damage or compromise.
- **Thermal Imaging & Energy Efficiency Analysis:**
 - Utilizing thermal cameras to identify heat loss, inadequate insulation, moisture intrusion, and potential electrical issues within the building envelope.
 - Pinpointing areas of energy inefficiency for targeted improvements.
- **Structural Assessment:**
 - High-resolution imagery of foundations, load-bearing walls, support structures, and other critical structural elements.
 - Assessing for visible signs of stress, shifting, or damage that could impact structural integrity.
- **Building Envelope Inspections:**
 - Detailed examination of the entire exterior shell of the building to identify issues related to weatherproofing, insulation, and overall building performance.
 - Detecting air leaks, water leaks, and other vulnerabilities.

Specialized Inspection Applications:

- **Pre-Purchase & Post-Construction Inspections:**
 - Thorough inspections for potential buyers or after new construction to ensure quality and compliance.
- **Disaster Assessment & Damage Documentation:**
 - Rapid and safe assessment of damage to buildings after natural disasters (storms, fires, etc.) for insurance claims and repair planning.
- **Historic Preservation Inspections:**

- Non-invasive inspection of delicate historic structures to document condition and identify preservation needs without causing further damage.
- **Site Mapping & Planning (for new construction or renovations):**
 - Creating detailed 2D orthomosaic maps and 3D models of construction sites for planning, progress tracking, and volumetric measurements.
- **Pre-Maintenance & Preventative Maintenance Inspections:**
 - Regular, proactive inspections to identify potential issues early, allowing for timely repairs and preventing costly major damage.
- **Insurance Claims Documentation:**
 - Providing clear, objective visual evidence for insurance claims related to property damage.

Deliverables & Technology:

- **High-Resolution Photos & 4K Video:** Detailed visual documentation of all inspected areas.
- **Thermal Images:** Data from thermal cameras to highlight temperature anomalies.
- **Interactive 3D Models & Digital Twins:** Creating accurate, measurable 3D representations of your building for in-depth analysis and collaboration.
- **Annotated Reports:** Clear, concise reports with marked problem areas, detailed descriptions, and recommendations.
- **Cloud-Based Data Access:** Secure online portals for easy viewing, sharing, and collaboration on inspection data.
- **Progress Tracking & Historical Data:** Establishing a digital record of your building's condition over time to monitor changes and track repairs.

Benefits of Choosing Drone Building Inspections:

- **Enhanced Safety:** Eliminates the need for manual inspection methods that can be hazardous.
- **Increased Efficiency & Speed:** Faster data collection and reporting compared to traditional methods.
- **Cost-Effectiveness:** Reduces labor costs, equipment rentals (like scaffolding or lifts), and potential downtime.
- **Access to Hard-to-Reach Areas:** Drones can inspect areas inaccessible or difficult for humans.
- **Superior Data Quality:** High-resolution imagery and advanced sensor data provide unparalleled detail.
- **Proactive Maintenance:** Identify issues early to prevent costly repairs and extend asset lifespan.
- **Objective Documentation:** Unbiased visual records for informed decision-making.



Facade Inspections - Roof Inspections - Full Building Survey

We are committed to providing you with the most accurate and actionable data to help you make informed decisions about your building's health. Contact us today to discuss your specific inspection needs!



DFBI provides comprehensive drone inspections for commercial and residential buildings. We deliver faster, safer, and more detailed reports than traditional methods, helping you protect your property's value and avoid costly repairs."

We partner with Insurance companies to provide drone-enabled inspections with real-time AI damage analysis to deliver fast, accurate property assessments at scale. Designed for daily and surge claim scenarios, our solution helps carriers reduce cycle times, lower costs, and improve the policyholder experience.

30%

We've helped insurance carriers decrease loss adjustment expenses by 30%.

1%

The discrepancy between our claims scope and the supplemented scope is a mere 1%.

25%

Insurance Carriers experience a 25% faster turnaround time with e360 compared to traditional vendors.

We have combined exceptional claim handling capabilities with incomparable data, giving cost-effective solutions to carriers.





**MADE IN THE
USA**



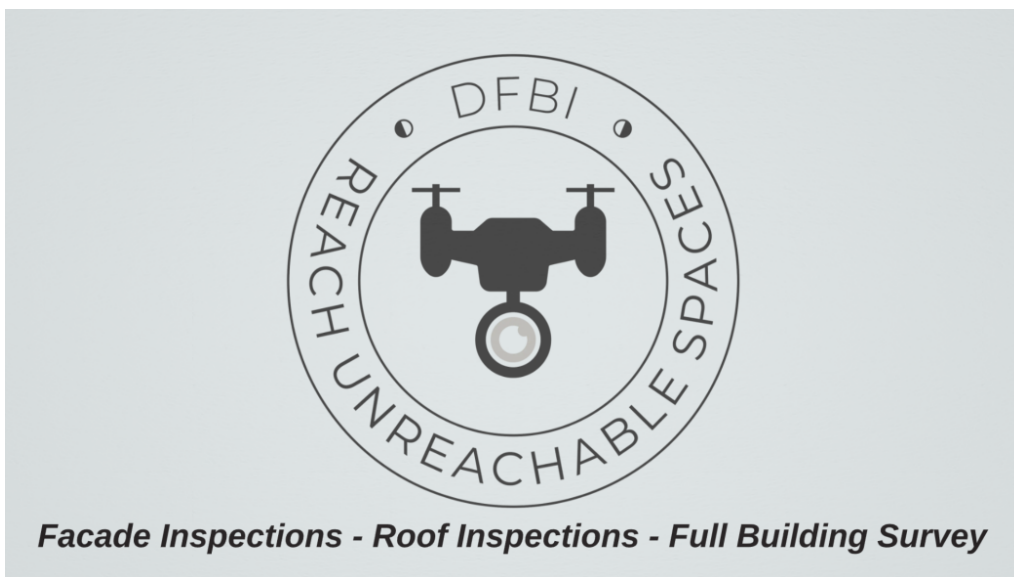
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Drone Pilot

Drones For Building
Inspections



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