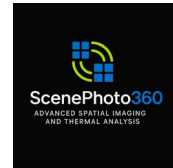


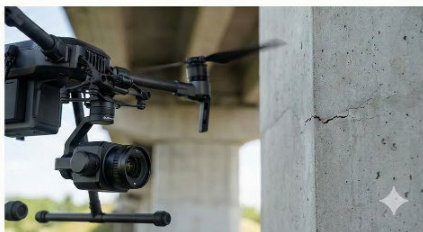
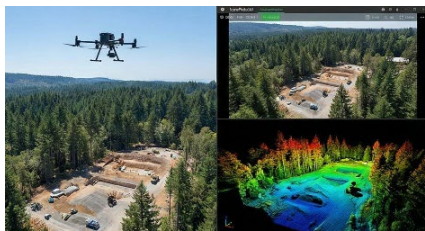


Ready to get the data you need? [Start Your Project Strategy Session](#)



Services Information Booklet

Advanced Spatial Imaging Services



Stop Guessing. Start Measuring.

Data-Driven Aerial Solutions for Engineering, Legal, Survey and Construction Professionals.

At **ScenePhoto360, LLC**, we do more than take pictures. We transform complex physical assets—from commercial infrastructure to accident scene locations—into **measurable, high-fidelity digital replicas and thermal information**. We provide the critical, defensible data you need to mitigate risk, validate claims, and manage projects with centimeter-level precision.

We Don't Just Photograph the Scene. We Turn Your Problems into Solvable Data

(651) 410-7033 | FlyNow@ScenePhoto360.com

LiDAR Scanning & 3D Modeling

Penetrate Vegetation. Capture Reality. Measure with Confidence.



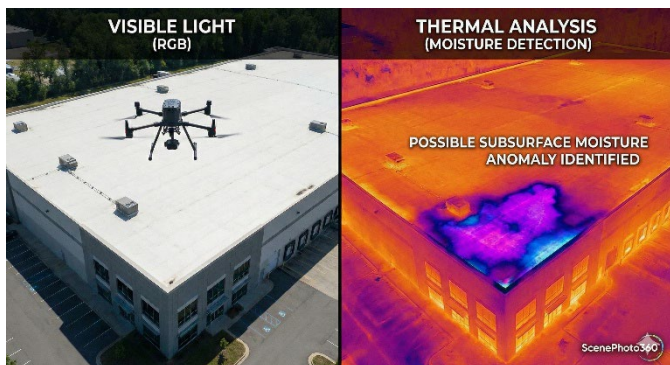
LiDAR (Light Detection and Ranging) allows us to capture millions of laser points to create ultra-precise 3D models, even in areas with dense vegetation that traditional photogrammetry cannot reach.

- **The Technology:** Drone-deployed LiDAR sensors generating dense point clouds and digital elevation models (DEM/DTM/DSM).

- **Key Applications:**
 - **Topographic Surveys:** Fast, accurate terrain mapping for engineers and surveyors.
 - **As-Built:** Verify construction progress against CAD/BIM models.
 - **Forensic Reconstruction:** Create courtroom-ready 3D models of accident scenes that capture every contour and slope.
- **The Benefit:** Reduce weeks of fieldwork to hours while keeping crews safe and obtaining data compatible with your existing engineering software.

Forensic-Grade Thermal Imaging

See the Invisible. Mitigate the Risk.



Led by a **Level II Certified Thermographer**, our thermal services go beyond basic thermal pictures. We provide objective, precise data to detect hidden failures before they become expensive liabilities.

The Technology: High-resolution radiometric thermal sensors for non-destructive testing.

- **Key Applications:**
 - **Building Envelope Forensics:** Pinpoint moisture intrusion, insulation gaps, and air leaks without destructive testing.
 - **Roof Inspections:** Identify water saturation under membrane roofs to target repairs precisely.
 - **Solar & Electrical:** Detect overheating components and string faults in solar arrays or substations.
- **The Benefit:** verifiable data for insurance claims and warranty validation that stands up to scrutiny.

Precision Photogrammetry & Mapping

The Measurable Digital Twin.

Turn your site into a virtual asset. We stitch thousands of high-resolution images into orthomosaic maps and 3D models that allow you to measure distance, area, and volume directly from your desktop.



- **The Technology:** GNSS-accurate aerial data processing for centimeter-level global accuracy.

- **Key Applications:**

- **Volumetrics:** Instantly calculate stockpile volumes and cut/fill requirements.
- **Progress Monitoring:** Time-lapsed digital twins to document site changes over time.
- **Legal Documentation:** Permanent, interactive 3D records of sites for dispute resolution.

- **The Benefit:** Replace costly and dangerous site visits with a digital twin that provides instant answers to project stakeholders.

High-Resolution Inspection Photography

Visual Evidence That Stands Up to Scrutiny.

When "good enough" isn't an option, we deliver pin-sharp, forensic-grade imagery. Our systems are designed to capture the smallest details—cracks, corrosion, and connections—that standard drones miss.



- **The Technology:** 45MP full-frame sensors (DJI Zenmuse P1) capable of identifying millimeter-sized defects from a safe distance.
- **Key Application:**
 - **Vertical Inspections:** Detailed visual records of cell towers, facades, and bridges.
 - **Asset Management:** Consistent, high-fidelity condition reports for property portfolios.
 - **Litigation Support:** Non-contestable visual evidence for legal proceedings.
- **The Benefit:** Eliminate hazardous manual climbs and costly equipment rentals while securing indisputable visual evidence that removes ambiguity.

Why ScenePhoto360, LLC?

- **Certifiable Accuracy:** We don't just fly; we measure. Our workflows are built for engineers, Attorneys, Commercial contractors and building specialists and surveyors.
- **Legal Experience:** With 20 years of law enforcement and accident reconstruction experience and training, we understand the chain of custody and data integrity required for court and litigation.
- **Safety First:** Fully insured, FAA Part 107 certified, and authorized for night operations and complex airspace.



More Than Just Data: A Commitment to Community

At ScenePhoto360, we believe that advanced technology should serve a greater purpose. We are proud to volunteer our time, equipment, and expertise to local Law Enforcement agencies for Search & Rescue (SAR) and Recovery operations.

When the call comes—day or night—we deploy our thermal and high-resolution capabilities to help bring closure to families and assist first responders in complex terrain. This same level of operational discipline and dedication is what we bring to every commercial project we fly.

- **Public Safety Partnerships**
- **Emergency Response Readiness**
- **Ethical Data Stewardship**

