

### Phantom 4 Pro

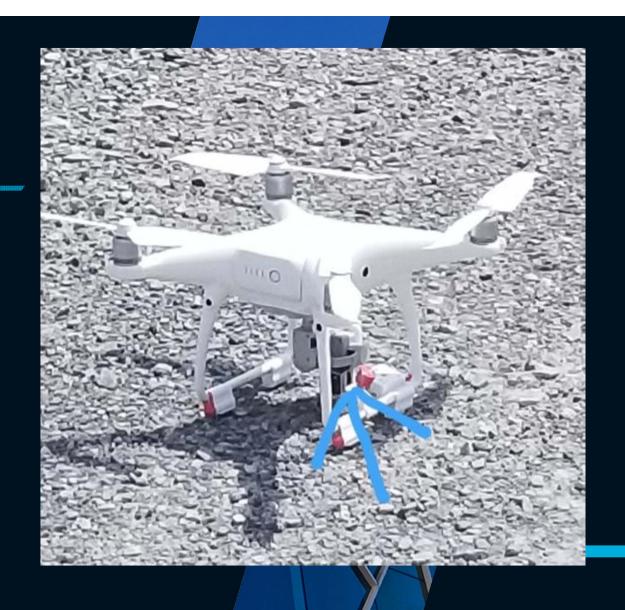
- Camera with 1 inch 20MP sensor
- Five directions of obstacle sensing
- Remote control with built-in screen
- Mobile App DJI GO 4



### **FLIR Boson 320**

#### **Thermal Camera**

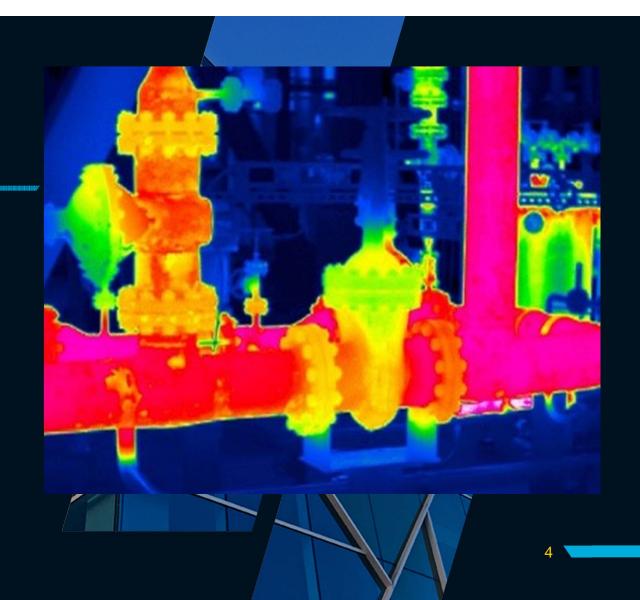
- Firefighting Uses
- Search and Rescue Missions
- Security
- Vision Sensors
- Live-Stream Video
- Stabilized 4K Video

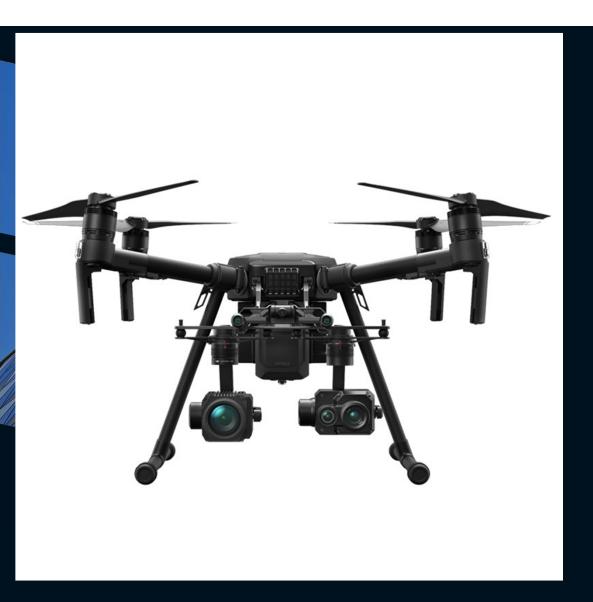


### Pipeline Example

#### **Thermal Camera**

- Crude Oil and Gas
- Steam hot water mains
- Chemical
- Power Plants
- Agriculture
- Waterways
- Leak Detection
- Tank Level Detection
- Other anomalies





### **DJI Matrice 210 V2**

#### Overview

- First-Person Camera View
- Water and Dust Resistant
- Advanced Obstacle Sensing
- Longer Flight Time (38 min.)
- Range Up To 5 Miles
- Anti-Collision Beacon
- DJI Airsense
- Intelligent Controls
- https://youtu.be/IHXxcinyD7g

### MagDrone R3

#### Magnotometer Survey Kit

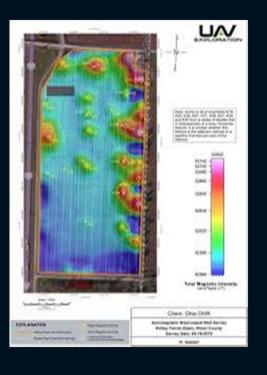
#### Includes:

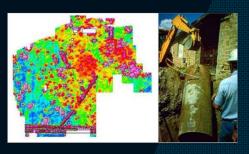
- Light Weight Sensor Tube with two built-in 3-axis Fluxgates.
- 1-Button Data Logger with internal SD
- Rechargeable Batteries
- Own GPS System

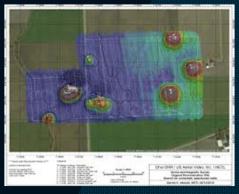
#### **Uses:**

- Oil and Gas Exploration
- Mineral Exploration
- Safety Operations
- Recovery (underwater)

### Well Locations









### **Snoopy M8 LiDAR**

LiDAR- a surveying method that measures distance to a target by illuminating the target with laser light and measuring the reflected light with a sensor. Differences in laser return times and wavelengths can then be used to make digital 3-D representations of the target.

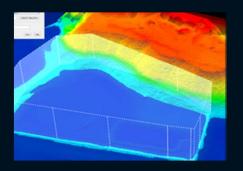
#### **Features:**

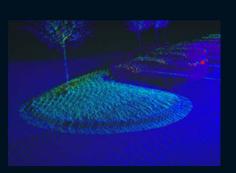
- Light Weight 1.7kg
- Consumes 25 Watts of power
- 2 cm accuracy at 50m
- 15-17 minute flight time
- Data stored for several days

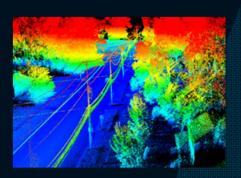
#### **Uses:**

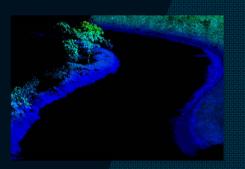
- Utilities
- Volume Calculations
- Roads
- Water shed
- Oilfield

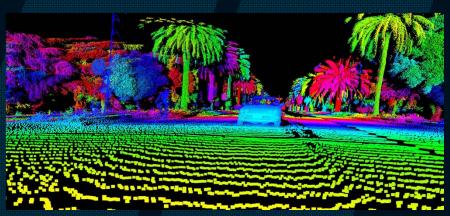
## LiDAR













## LiDAR





### Safety is Key

### **Natural Disasters**

- Floods
- Tornadoes
- Lightning Strikes
- Wildfires



## Floods









## Tornadoes







# **Lightning Strikes**









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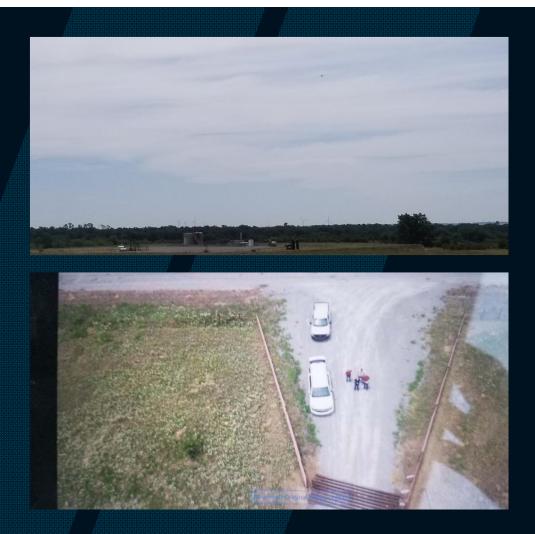
# Wildfires





# Our First Flight





### Cool App UAV

