



## OTHERS USE CASES

### Security & Routine Surveillance

- Schedule routine patrol of designated areas
- Detect objects and human intrusion
- Identify safety hazards  
(i.e. smoke/fire detection)
- Synchronise with local security teams

Our solution helps you enhance your security coverage to increase site safety while also reducing overall security costs.

## CONTACT US

AI and Robotics Ventures Co. Ltd.,

@arv.th

02-078-4000

www.arv.co.th

Contact@arv.co.th



# STATION

## Sizing:

Drone Box	1.7 x 1.7 x 1.7 m
Weather Station	0.7 x 0.7 x 3 m
Control Box	0.5 x 0.25 x 0.6 m
Weight	400 KG
Compatible UAV	Phoenix V2, V3

## Power:

Power Source	220 AC
Back-up Power	1 HR (Approx.)

## Others:

Deployment Time	30s
Expected Lifetime	5 Years (Approx.)
Maintenance Routine	Once per year



# DRONE

## Specifications:

Dimension	1050 x 1050 x 410 mm
TOW/MTOW	6.4 KG/ 7 KG
Flight time	30 mins (Approx.)
Operating Speed	5-16 m/s
Operating Altitude	20-100 m
Signal Range	6 KM (From Station)
Coverage Area	80 Rais/Charge
GSD	4.13 ppx
Power Source	Lipo 17000 mAH

## Compatible Sensors:

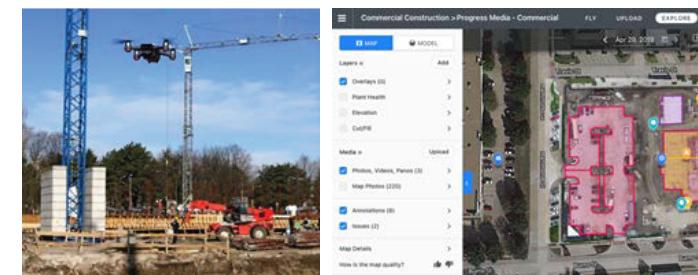
Visual Camera	Image 4 Megapixels 10X Zoom Video - 1080p 30 FPS
Thermal Camera	Thermal 640 x 512 pixel Radiometric Thermal 0.7 KG

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## Stockpile Volume Estimations

Our solution provides more accurate onsite resource estimation, and helps you increase process efficiency and reduce material loss; our data also provides you with project management insights to minimize construction delays.

- Perform autonomous routine site surveys



- Estimate construction progress

