UDM
Utility Detection & Mapping

AERIAL & LIDAR SURVEYS

DJI M300

The Matrice 300 is DJI's latest commercial drone, hosting advanced AI and capable of up to 55 minutes of flight time, the DJI M300 is one of the most comprehensive UAV's on the market.

Setting a whole new standard through combining intelligence with high-performance, and up to 15km transmission, there's not much the DJI M300 can't handle when it comes to Aerial and LiDAR surveying.

The DJI M300 allows for the efficient and safe collection of geomatic data including light detection and ranging (LiDAR) and aerial photography and mapping across a broad scope of terrain.

DJI M300

ZENMUSE L1

The Zenmuse L1 integrates a Livox Lidar module, a high-accuracy IMU and a camera with a 1-inch CMOS on a 3-axis stabilised gimbal. When used with the M300, the L1 forms a complete solution that gives real-time 3D data throughout the day, efficiently capturing the details of complex structures and delivering highly accurate reconstructed models.

ZENMUSE L1

PHANTOM 4

The DJI Phantom 4 is an extremely smart flying camera able to intelligently track objects all within the one device, as well as avoiding obstacles. The Phantom 2 shoots up to 120 frames per second and captures crisp, clean images, all while shooting 4K video or 12 mega pixel stills.

It is highly agile and ideal for smaller scope projects, particularly aerial mapping.

PHANTOM 4

Advantages:

- With high resolution imagery and video, surveys are completed to the highest accuracy possible
- Remote operation and long transmission distances ensures data can be captured with the best health and safety practices observed for both operator and the general public
- Analysing hard to reach, culturally sensitive locations has never been easier with access possible from anywhere
- The flexibility offered by aerial surveys means large areas of land can be covered in a short amount of time, greatly reducing time spent on projects

03 6171 2555 admin@udmgroup.com.au 23/15 Stanton Pl, Cambridge