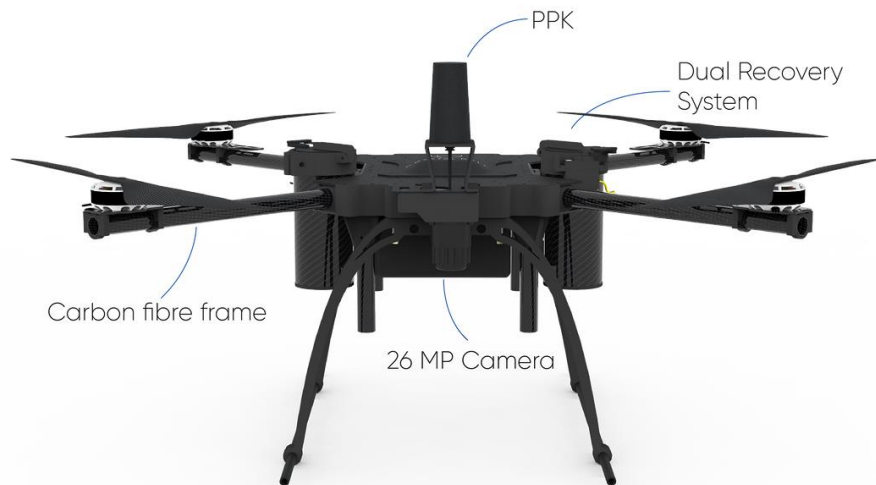


## ADVANCED GEO SURVEYING FACILITIES

### 1. UNMANNED AERIAL VEHICLE (UAV)

Crystal ball model V UAV (India's First Type Certified Mapping Drone). 800 msl flight height with 40 minutes endurance time with smart recovery system. The payload in the UAV is a Survey Grade RGB sensor and Multispectral sensor with Green, Red, Red edge and NIR bands.



### 2. Total Station: Leica Flex Line TS03 Model

The TS03 is an electronic/optical instrument used in modern surveying and building construction that uses electronic transit theodolite in conjunction with electronic distance meter (EDM). It is also integrated with microprocessor, electronic data collector and storage system. The instrument is used to measure the sloping distance of object to the instrument, horizontal angles and vertical angles. This Microprocessor unit enables for computation of data collected to further calculate the horizontal distance, coordinates of a point and reduced level of point.



### 3. Differential Global Positioning System

Differential Global Positioning Systems (DGPSs) supplement and enhance the positional data available from global navigation satellite systems (GNSSs). The GS07 guarantees fast and reliable stake out and data capture combined in an easy-to-use rover with 320 channels, multi frequency and multi constellation. It also supports expansion of communication devices such as UHF radios which are fully integrated in the Leica CS20 field controller. Through its connectivity to Leica Captivate field software and the CS20, the GS07 delivers true Leica Geosystems quality.



## GEOMATE SG7

SMART GNSS IMU-RTK RECEIVER



### GEOMATE SG7

The GeoMate GNSS SG7 is the latest premium GNSS geodetic receiver made in Singapore. Designed to meet the highest standards, the SG7 is a high-performance 608-channel IMU-RTK GNSS receiver that delivers the performance and reliability you need to survey your work sites with confidence. The SG7 has built-in connection modules including Wi-Fi, Bluetooth, NFC, UHF modem and 4G to support a variety of application scenarios, such as urban surveying and mapping, road infrastructure construction, urban utility development, housing construction and more.