EFFICIENT MISSION CONTROL SOFTWARE SYSTEM

Yuneec DataPilot™ is a complete solution for planning survey and waypoint-based UAV flight. Unlike other flight planning applications, DataPilot™ is integrated with the hardware and software control system utilized by the Yuneec H520 sUAS.

Precise Flight Plans

Our DataPilot™ software system enables users to efficiently and consistently create orthomaps, 3D scans, crop data imagery, or cinematic movement for repeatable, recallable aerial flight paths, without requiring expensive 3rd party software.

Surveys, construction measurement, BIM components, perimeter security, accident scene reconstruction, forensic captures, 3D scans, orthomosaic, photo-stitching are generated with precision and efficiency via the DataPilot™ interface.

Pre-plan Your Flight Mission

Missions may be stored for later recall, or planned off-site and transported to the control system via email, thumbdrive, or micro-SD card. Mac and PC users may plan missions offsite and execute missions on-site, allowing for time-planning, collaborative mission planning, and archiving of missions in a cloud or local storage.

Automated Flight Control

DataPilot™ auto-generates survey paths with user-defined overlap/sidelap, and cross-hatching for precision 3D or large format image output.

Users may define a survey resolution via altitude or inch-per-pixel decisions, providing a platform that is capable of flight even in low altitude scenarios. DataPilot™ also allows for storage of maps from many map providers for access in areas with no connectivity, and provides tools for precise waypoint placement even in areas where no updated maps are available.

View Live Feed With The ST16S

DataPilot™ is integrated with the Yuneec ST16S Ground Control Station via the built-in Android 7" Multi-function display, and may be used for exporting flight logs, integrating with popular analytics and post-processing applications such as Pix4D™, Agisoft™, Datumate™, DroneDeploy™, Dronifi™, and many others.