PilotGaea
藏識科技 Technologies

無人機 地面任務導控系統

一套屬於自己的地控系統

自動規劃路徑
自動規劃安全穿梭於地形或建物間的路徑

支援多種圖層
切換多種空間圖資精準了解實際情況

監控飛行狀況
以AR技術結合飛行資訊，即時傳送無人機飛行影像

分析飛行紀錄
重現飛行過程，精準分析任務細節

- 禁飛區域提醒與迴避
- 解鎖式地圖迷霧
- 以3D方式重現完整飛行過程

高擴充性的開發工具
本系統也提供SDK開發工具，讓使用者可自行開發專屬地面控制站軟體。

高支援度的整合力
支援標準通訊協定並可自行擴充各種通訊協定，亦可相容多種主流開源飛控之無人機。

多元性的加值應用
支援多樣圖資、2D/3D空間資料庫分析空間、AR套疊、航線規劃演算、視覺輔助降落、多機協同作業。

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產品介紹影片

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Ground task assignment system

Customizable and Suitable for you.

Automatic Route Planning

A safer flight way between mountains and buildings.

Support various Map Layers

Switch between different map layers to catch the situation immediately.

Flight Status Monitoring

Deliver real-time image during flight, combine flight information with AR technology.

Flight log Analysis

Replay finished flight and analyze mission details accurately.

- No-fly Zone Alerts and Avoidance
- Map with Fog of war
- 3D Reconstruction of Entire Flight

Highly Expandable Softwre Development Kits(SDK).

Provide SDK for engineer, allow users to create their own customized ground control software.

Highly Supportive Integration

Support common communication protocol(Mavlink), and allow to change to other communication protocols. Also be compatible with multiple mainstream open-source Drone Flight Control (DFC).

Versatile Value-added Applications

Support various types of maps, 2D/3D spatial database analysis, AR integration, route algorithms, visual-aids landing, and multi-drone collaborative operations, etc.

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Product Introduction Video