Arya-X4 Advanced Smart Drone

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Creating a powerful quad-copter that has a powerful computer on-board beside the main flight controller that has a complex software so the drone can learn from the incoming data using the software algorithm and compose impressions about objects and locations, also dealing with sudden problems and complex situations as signal loss, obstacles, fake signal interference and pull/hack/spoof attempts. Also allowing the autopilot to recognize, trace and save objects and human face fingerprint into its memory to use later, and establishing a new way of controlling/communicating with drones with 3 different communication protocols with wide control ranges leading to more flexibility, faster deployment and easier human-machine interaction which leads to the creation of a flying smart platform accepts any type of addons and missions.

Awards Won: