

Lightweight Sensing Control System for UAV

Developed a new sensing and control system for unmanned aerial vehicles (UAV's) that allows for semi-autonomous flight.

With this technology, pilots need not leave the ground to conduct routine monitoring and surveillance quickly and cost-effectively. These systems are particularly useful during long flight segments or over remote locations or for scientific applications such as atmospheric monitoring or crop monitoring, which might require long and repeated sampling in a specific pattern. This technology can be quickly adapted to any payload configuration.

Tools: EAGLE, ALTIUM, MATLAB

