



# Hylio AG-210 UAS Spec Sheet – Imperial

| <b>Flight Parameters</b>            |   |
|-------------------------------------|---|
| Total Weight (without batteries)    | 24.5 lb   |
| Max Recommended Takeoff Weight      | 54.9 lb   |
| Max Thrust                          | 134.8 lb  |
| Max Operating Speed                 | 25 mph  |
| <b>Propulsion System</b>            |   |
| Motor KV                            | 100 rpm/V   |
| Foldable Propeller                  | 30x9.0 in   |
| Configuration                       | Quadcopter  |
| Operating Voltage                   | 12s   |
| Battery                             | 1 x 16000 mAh 12S (44.4V) LiPo Battery  |
|                                     | 9.3 lb/battery  |
| <b>Aircraft Frame</b>               |   |
| Wheelbase                           | 51 in   |
| Material                            | Carbon Fiber, Aluminum, Plastic   |
| Dimensions                          | 46x46x24 in (arms unfolded)   |
|                                     | 23x23x20 in (arms folded)   |
| <b>Spray System</b>                 |   |
| Max Payload                         | 21lb, 2.5 gallon  |
| Configuration                       | 1 Pump, 1 Tank, 1 Flowmeter, 8 nozzles underneath rotors                                    |
| Nozzle                              | Nozzle body compatible with any Teejet spray tip  |
| Pump Pressure                       | Diaphragm Pump, 75 PSI  |
| Flow Rate (no nozzle max)           | 0.1 – 1.8 Gal/min   |
| Flow Rate (with nozzle tip TT11001) | 0.95 Gal/min  |
| Spray Width                         | 10-20 feet  |
| <b>Flight Control</b>               |   |
| Flight Modes                        | Fully autonomous (no RC), position hold manual (with RC), Fully manual GPS denied (with RC) |
| Operating Frequencies               | 902 – 928 MHz, 2.4 GHz  |
| Ground Station Control Software     | Hylio AgroSol GCS   |
| Max Transmission Range              | ~1 mile (5+ unobstructed)   |