

| <b>Specifications of L10 V2</b>                                |                                                   |                                                   |
|----------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| <b>General specifications</b>                                  |                                                   |                                                   |
|                                                                | <b>EU</b>                                         | <b>US</b>                                         |
| <b>Payload</b>                                                 | 10 l spraying system                              | 2.6 gal spraying system                           |
| <b>Max. take-off weight</b>                                    | 29 kg                                             | 63.93 lbs                                         |
| <b>Total weight (with battery) *</b>                           | 19.2 kg                                           | 42.5 lbs                                          |
| <b>Total weight (without battery) *</b>                        | 14.7 kg                                           | 32.4 lbs                                          |
| <b>Maximum characteristic dimension **</b>                     | 2290 mm                                           | 90.16 in                                          |
| <b>Dimensions (arms &amp; propellers unfolded) (L x W x H)</b> | 2060 x 1600 x 600 mm                              | 81.1 x 63 x 23.6 in                               |
| <b>Dimensions (arms and propellers folded) (L x W x H)</b>     | 770 x 540 x 680 mm                                | 30.3 x 21.3 x 27.8 in                             |
| <b>Maximum flight time</b>                                     | Unloaded: 26 min, Loaded: 12.5 min                | Unloaded: 26 min, Loaded: 12.5 min                |
| <b>GPS</b>                                                     | GPS, GLONASS, Galileo, BeiDou                     | GPS, GLONASS, Galileo, BeiDou                     |
| <b>RTK correction</b>                                          | Network RTK<br>Optional Emlid RS RTK base station | Network RTK<br>Optional Emlid RS RTK base station |
| <b>Hovering precision</b>                                      | ±10 cm (RTK) ±1.5 m (without RTK)                 | ±3.93 in (RTK) ±59 in (without RTK)               |
| <b>Heading</b>                                                 | Dual-RTK                                          | Dual-RTK                                          |

|                                                   |                                            |                                            |
|---------------------------------------------------|--------------------------------------------|--------------------------------------------|
| <b>Rotor dimensions</b>                           | 30 x 11                                    | 30 x 11                                    |
| <b>Battery type</b>                               | Li-Po Smart                                | Li-Po Smart                                |
| <b>Battery capacity</b>                           | 16000 mAh                                  | 16000 mAh                                  |
| <b>Battery voltage (nominal)</b>                  | 44.4V                                      | 44.4V                                      |
| <b>Battery weight</b>                             | 4.2 kg                                     | 9.3 lbs                                    |
| <b>Battery charging time</b>                      | min. 11 minutes                            | min. 11 minutes                            |
| <b>Battery charger channels</b>                   | 4 ports (2 balance)                        | 4 ports (2 balance)                        |
| <b>Battery charger power</b>                      | 3000 W                                     | 3000 W                                     |
| <b>Camera</b>                                     | Wide angle, vertically adjustable (0-180°) | Wide angle, vertically adjustable (0-180°) |
| <b>Camera resolution</b>                          | FHD                                        | FHD                                        |
| <b>Effective signal range of RC</b>               | ~3.5 km                                    | ~2.17 mi                                   |
| <b>Altitude control</b>                           | LiDAR, Barometric, GPS                     | LiDAR, Barometric, GPS                     |
| <b>Obstacle detection and collision avoidance</b> | 3D, LiDAR based (ABZ sense)                | 3D, LiDAR based (ABZ sense)                |
| <b>Intrusion protection</b>                       | Limited water and dust resistance          | Limited water and dust resistance          |
| <b>Spraying System</b>                            |                                            |                                            |
| <b>Maximum per Hectare Performance</b>            | 10 ha/h                                    | 24,71 ac/h                                 |
| <b>Average per Hectare Performance</b>            | 6-8 ha/h                                   | 14,82-19,76 ac/h                           |
| <b>Hydraulic system</b>                           | Non-pressurized                            | Non-pressurized                            |

|                                               |                                                                                     |                                                                                       |
|-----------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Pump type</b>                              | Membrane                                                                            | Membrane                                                                              |
| <b>Maximum flow</b>                           | 5 l/min                                                                             | 1.3 gal/min                                                                           |
| <b>CDA technology</b>                         | Rotating disc                                                                       | Rotating disc                                                                         |
| <b>Number of Nozzles</b>                      | 2                                                                                   | 2                                                                                     |
| <b>Adjustable droplet size</b>                | 60 – 1000 µm                                                                        | 60 – 1000 µm                                                                          |
| <b>Spray tank capacity</b>                    | 10 l                                                                                | 2.6 gal                                                                               |
| <b>Adjustable working width</b>               | 1.5 - 6 m                                                                           | 4.9 - 19.7 ft                                                                         |
| <b>Spreading system compatibility</b>         |                                                                                     |                                                                                       |
| <b>Seeder &amp; Spreader</b>                  | 22 l                                                                                | 5.8 gal                                                                               |
| <b>Trichogramma</b>                           | 8 l                                                                                 | 2.1 gal                                                                               |
| <b>Flight planning</b>                        |                                                                                     |                                                                                       |
| <b>Spot spraying</b>                          |  |  |
| <b>Area and polyline shapefile import</b>     |  |  |
| <b>Data security</b>                          |  |  |
| <b>No data transmission to remote servers</b> |  |  |
| <b>Frequency bands</b>                        |                                                                                     |                                                                                       |
| <b>Radio Control and Telemetry</b>            | 2.4GHz                                                                              | 2.4GHz                                                                                |
| <b>WLAN</b>                                   | 2.4GHz                                                                              | 2.4GHz                                                                                |

|                                    |              |              |
|------------------------------------|--------------|--------------|
| <b>LoRA</b>                        | 862–1020 MHz | 862–1020 MHz |
| <b>Flight</b>                      |              |              |
| <b>Max. pitch angle</b>            | 20°          | 20°          |
| <b>Max. operating flight speed</b> | 8 m/s        | 17.9 mi/h    |
| <b>Max. level speed</b>            | 15 m/s       | 33.6 mi/h    |
| <b>Max. flight altitude (AMSL)</b> | 4500 m       | 14763,78 ft  |
| <b>Max. flight altitude (AGL)</b>  | 120 m        | 393,7 ft     |
| <b>Max. tolerable wind speed</b>   | 10 m/s       | 22.4 mi/h    |

\*The weight parameters vary by  $\pm 1\text{kg}$  according to the final product configuration

\*The weight parameters vary by  $\pm 2.2\text{ lbs}$  according to the final product configuration

\*\* Maximum distance between the tips of two opposite propellers