

# PrecisionVision® UAS 35X Technologies



## The PV35X has the most advanced and payload diverse UAS manufactured in the United States.

The discipline of understanding aerial application is key to success when operating a UAS. Knowing how to set up payloads, such as liquid and granular applications, to apply products with precision - that is a whole other business. Leading Edge has a rich history of aerial application experience in the vector control industry with numerous technologies such as Spray Drift Optimization and DropVision AG for swath characterization. The PV35X was designed and engineered with this knowledge.

## Interchangeable Application Systems + Autonomous Flight = Game Changer

Application systems, standard with the PV35X Ground Control Station, allow users to control application rates using a built-in variable rate controller. Additionally, spray on/off, ground speed, altitude, heading, and application rate can be controlled autonomously.



The PrecisionVision® line supports surveillance efforts as well as three interchangeable application systems.



Adaptable Application Systems	Granular Payload	ULV Adulthooding Payload	Liquid Payload
<b>Payload Capacity</b>	25 lbs/ 22 liters	25 lbs/ 16 liters	25 lbs/ 16 liters
<b>Swath</b>	12' - 90'	300' - 500'	16' - 22'
<b>Average Acres/Min</b>	0.1 - 3 acres/min	14.5 acres/min	0.05 - 0.8 acres/min
<b>Flow Rate</b>	2 - 20 lbs/min	3.4 - 10 oz/min	10 - 233 oz/min
<b>Droplet Spectrum</b>	n/a	DV 0.5 38-45 DV 0.9 < 70 microns	80 - 2000 microns

ARE YOU READY TO TAKE FLIGHT?

Bill Reynolds, CEO and Chief Pilot  
407.468.0008 | breynolds@leateam.com  
www.LeaAerialTech.com/TakeFlight

**Leading Edge**  
Aerial Technologies

