

# VAPOR<sup>®</sup> HELICOPTER UAS



All-electric VAPOR Helicopter UAS combine an advanced autopilot, military grade components, and payload flexibility to deliver class-leading performance for defense, commercial and industrial applications. VAPOR's unique flight control system enables operators to plan, simulate and execute missions autonomously. A modular payload bay provides multi-mission capability with access to a variety of available integrated sensors, and third-party payloads including EO/IR, multispectral/hyperspectral, LIDAR and Drop Mechanism. Proprietary HeliSynth™ technology provides precision flight and payload control, flight path optimization and endurance capabilities.

## SPECIFICATIONS

### VAPOR 55

<b>PROPULSION</b>	All-electric
<b>GROSS WEIGHT</b>	55 lbs (24.9 kg)
<b>USEFUL LOAD (BATTERY + PAYLOAD)</b>	34 lbs (15.4 kg)
<b>ALLOWABLE PAYLOAD WITH FULL ENDURANCE*</b>	< 11 lbs (< 5 kg)
<b>MAX CRUISE ENDURANCE</b>	60 minutes with full payload
<b>MAX HOVER ENDURANCE</b>	45 minutes with full payload

#### PAYLOAD OPTIONS



The VAPOR 55 tactical Helicopter UAS provides unprecedented ease of use, payload capacity up to 11 lbs., and the longest endurance of any electric helicopter in its class. A large payload bay provides access to a variety of sensors, with drop mechanism and third party payload options.

### VAPOR 35

<b>PROPULSION</b>	All-electric
<b>GROSS WEIGHT</b>	32 lbs (14.5 kg)
<b>USEFUL LOAD (BATTERY + PAYLOAD)</b>	16 lbs (7.26 kg)
<b>ALLOWABLE PAYLOAD WITH FULL ENDURANCE*</b>	<5 lbs (2.27 kg)
<b>MAX CRUISE ENDURANCE</b>	60 minutes with full payload
<b>MAX HOVER ENDURANCE</b>	45 minutes with full payload

#### PAYLOAD OPTIONS



Featuring an advanced blade design with tuned flapping dynamics, the VAPOR 35 delivers up to one hour of flight time on a single battery charge. A modular payload bay provides the flexibility for a variety of sensors (or dual sensor configurations). Reduced packout footprint enables one-man lift operation.

\*Heavier Payload Configurations Available