



# Hylio AG-110 UAS Spec Sheet – Metric

<b>Flight Parameters</b>	
Total Weight (without batteries)	10.4 kg
Max Recommended Takeoff Weight	25.0 kg
Max Thrust	61.2 kg
Max Operating Speed	35 kph
Max Flight Speed	65 kph
<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
	4.2 kg/battery
<b>Aircraft Frame</b>	
Wheelbase	130 cm
Material	Carbon Fiber, Aluminum, Plastic
Dimensions	117x117x61 cm (arms unfolded)
	58x58x51 cm (arms folded)
<b>Spray System</b>	
Standard Payload	10 kg, 10 L
Configuration	1 Pump, 1 Tank, 1 Flowmeter, 4 nozzles on 2 m boom
Nozzle	Nozzle body compatible with any Teejet spray tip
Pump	Diaphragm Pump, 4.5 Bar
Flow Rate (no nozzle max)	0.2 – 4.2 L/min
Flow Rate (with recommended nozzle TT11001)	2.0 L/min
Spray Width	3 – 6.1 m
<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
Max Transmission Range	~2 kilometers (10+ unobstructed)