

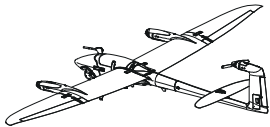
VECTOR & SCORPION

2-in-1 System

The **2-in-1 System** uses the same main fuselage which can be configured as the Vector fixed-wing eVTOL sUAs or as the Scorpion mulicopter without any changes to the avionics hardware.

VECTOR FIXED WING VTOL

120 Minute Flight Endurance

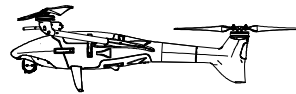


TECHNICAL DATA VECTOR

Take-off Weight	7.4 kg (16.3 lbs)
Max. Flight Time	120 minutes
Command and Control Range	15 km (9.3 mi) optional 25 km (15.5+ mi)
Payload (with compartment)	max. 600 g (1.3 lb)
Cruise Speed	15 m/s – 20 m/s (29 – 39 kn)
Wind Tolerance (ground)	10 m/s (19.4 kn)
Wind Tolerance (cruise)	12 m/s (23 kn)
Operating Temperature Range	-19 °C to 44 °C (-2.2 °F to 111.1 °F)
Wingspan	2.80 m (9.2 ft)
Transport Case Dimension	800 mm x 540 mm x 345 mm (31.5" x 21.3" x 13.6")
Transport Case Weight	
Cover only	2,2 kg / 4,85 lb
Case only	3,8 kg / 8,38 lb
Carrying System	2,2 kg / 4,85 lb
Total	8,2 kg / 18,08 lb

SCORPION MULTICOPTER

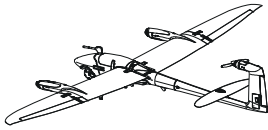
35 Minute Flight Endurance



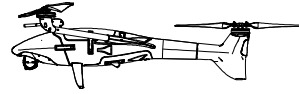
TECHNICAL DATA SCORPION

Max. Take-off Weight	7.0kg (15.4 lbs)
Max. Flight Time	35 minutes
Command and Control Range	15 km (9.3 mi) optional 25 km (15.5+ mi)
Payload (with compartment)	max. 600 g (1.3 lb)
Cruise Speed	0 m/s – 15 m/s (0-29 kn)
Wind Tolerance (ground)	10 m/s (19.4 kn)
Wind Tolerance (cruise)	10 m/s (23 kn)
Operating Temperature Range	-20 °C to 45 °C -2.2 °F to 111.2 °F)
Wingspan	1.37 m (4.5 ft)
Transport Case Dimension	764 mm x 378 mm x 284 mm (31.1" x 14.9" x 11.2")
Transport Case Weight	
Cover only	1,4 kg / 3,09 lb
Case only	1,9 kg / 4,19 lb
Carrying System	2,2 kg / 4,85 lb
Total	5,5 kg / 12,13 lb

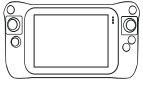
VECTOR™



SCORPION™



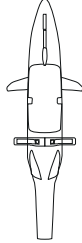
COMMON ATTRIBUTES



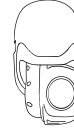
Ground
Controller



AI
Capabilities



Main
Fuselage

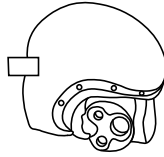


Sensor
Capabilities



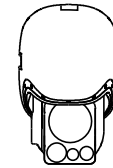
Datalink /
Radio

SENSORS



CM62

VECTOR & SCORPION



RAPTOR

VECTOR & SCORPION

SYSTEM COMPATIBILITY

EO Zoom	25 x optical 2 x digital	40 x optical 2 x digital
EO Resolution	1920 x 1080 px	1920 x 1080 px
IR Zoom	4 x digital	8 x digital
IR Resolution	640 x 480 px	1280 x 720 px
Data rate	5 Mb/s (H264)	5 Mb/s (H264)
Power consumption	7 W	10 W
Weight	260 g 0.57 lb	640 g 1.41 lb
Misc.	KLV-Stream / GeoLock Image stabilisation / Object tracking Laser Illuminator	KLV-Stream / GeoLock Image stabilisation / Object tracking Onboarding storage in nose cone

SCAN QR CODE AND LEARN MORE

