


Feature	AERIALOOP ALT6 (Satelite) ISR XWXB	FOXTECH BABY SHARK 260 (ORKD)	JOUAV CW-25E	AUTEL DRAGONFISH
Image				
Max. takeoff weight	22kg	16Kg	31.58kg	9.5 kg
Extra Payload Capacity for Sensors (1kg Camera)	3.0 kg	1.0 kg	5.0 kg	0.5 kg
Wingspan	3.56m	2.5m	4.35m	1.30m
Cost Range with Sensors	60-90K USD	50-85K USD	180-220K USD	110-130K USD
Design Concept	Embedded Satelital Antena, Quadruple Redundancy, 100% Proprietary Airframe	External Attached Satelital Antena, No Redundancy, Based on BabyShark Frame	No Redundancy, 100% Proprietary Airframe	No Redundancy, 100% Proprietary Airframe
Power System	100% Battery Electric	100% Battery Electric	100% Battery Electric	100% Battery Electric
Video Transmission Capability	High-quality real-time streaming (VideoSoft)	Votix Streaming	High-bandwidth with expensive radios	High-bandwidth with expensive radios
Operational Safety	Triple Redundant Vertical and double forward. No single point of failure (Tilting System, VTOL Copter, Ballistic Parachute)	No Vertical or Horizontal Flight Redundancies, DRS Parachute	No Vertical or Horizontal Flight Redundancies, Parachute	No Flight Redundancies, No Parachute
Communication	LEO Satellite (Authorized used case directly with Starlink contract)	LEO Satellite	Radio frequency	Radio frequency
Payload Volume	34L	10 L	20L	No internal payload bay
Flight Time (Min)	120	60	150	107
Operational PROVEN Range (km) at altitude (Not IDEAL)	100	60	200	120
Ingress Protection	IP44	N/A	IP43	IP43
Wind Resistance	15 m/s	10 m/s	13.9-17.1m/s	10 m/s
Pilot Requirement	No direct line-of-sight, no dedicated pilot	Requires pilot with line-of-sight	Requires pilot with line-of-sight	Requires pilot with line-of-sight
Intellectual Property	USA / Switzerland	China	China	China
Technical Supports	Local (LATAM ~4 Days)	Local (LATAM)	China (~30 days delay)	China (~30 days delay)
Yearly Cost / Km Covered	\$906.46	\$1,506.36	\$1,287.63	\$1,127.50
Day Cost / Km Covered	\$2.48	\$4.13	\$3.53	\$3.09
	<a href="https://www.aerialoop.com/products-1">https://www.aerialoop.com/products-1</a>	<a href="https://www.foxtechfpv.com/foxtech-baby-shark-vtol.html">https://www.foxtechfpv.com/foxtech-baby-shark-vtol.html</a>	<a href="https://www.jouav.com/products/cw-25e.html">https://www.jouav.com/products/cw-25e.html</a>	<a href="https://www.autelrobotics.com/productdetail/dragonfish-series-drones/">https://www.autelrobotics.com/productdetail/dragonfish-series-drones/</a>