



# ERE95 | DESERT STORM

**30% PLUS**

**&** TIME RANGE PAYLOAD

## All Purpose Long Range Advanced Drones

Industrial Applications, Surveillance, Professional Aerial Photography

8 kg



ERE 95

10 kg



ERE 95 PRO

15 kg



ERE 95 HL  
Heavy Lifter



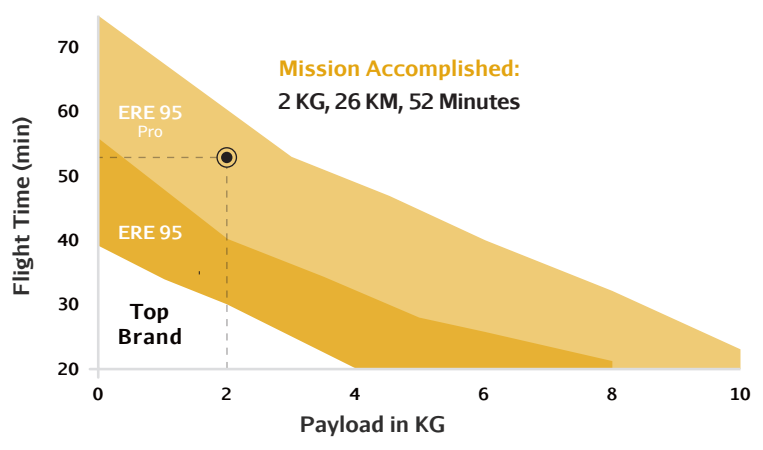
Max takeoff  
**24-28 KG**



Max payload  
**8-15 KG**



Up to  
**75 MIN**



# Peripherals CPX SDK for easy 3<sup>rd</sup> party integration



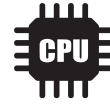
## Dual Camera & Gimbal

- Day: 10X Optical zoom
- Night: 640X480 Thermal Camera



## Ground Control Unit

- Unified control system
- Control, Video, Data
- Ground Control / Mission Planner
- Ardupilot, PX4



## Air Unit (Linux)

On-board computing

- Precision Landing
- Image Processing - AI
- Data Encryption (AES 256)
- ROS & SLAM



## Communication & Downlink

- Wifi / P2P 2.4GHz / P2P 5.8 GHz
- 5KM - 10KM Video
- Up to 50KM Control & Telemetry
- Optional LTE



Aircraft	ERE 95	ERE 95 Pro	ERE 95 HL
Dimensions	1200 mm Folded 400 mm x 350 mm x 550 mm	1590 mm Folded 400 mm x 350 mm x 670 mm	1650 mm Folded 450 mm x 400 mm x 670 mm
Case Dimensions	450 mm x 400 mm x 600 mm	450 mm x 400 mm x 700 mm	500 mm x 450 mm x 700 mm
Flight Battery Quantity	2	2	2
Weight (Standard)	11 kg	11.5 kg	13.5 kg

Performance	ERE 95	ERE 95 Pro	ERE 95 HL
Max Takeoff Weight	20 kg	24 kg	28.5 kg
Max Payload Weight	8 kg	10 kg	15 kg
Max Speed of Ascent	4 m/s	3 m/s	3 m/s
Max Speed of Descent	3 m/s	2.5 m/s	2.5 m/s
Max Wind Resistance	10 m/s	9 m/s	9 m/s
Max Flight Altitude above Sea Level	2500 m	2500 m	2500 m
Max Speed	19 m/s (no wind)	16 m/s (no wind)	16 m/s (no wind)
Operating Temperature	14° to 104° F (-10° to 40° C)	14° to 104° F (-10° to 40° C)	14° to 104° F (-10° to 40° C)

Payload, Miscellaneous	
Supported Copterpix Gimbals	Copterpix day/night zoom gimbal X10; Copterpix light weight day/night gimbal
Retractable Landing Gear	Standard
Flight Control System	Pixhawk
CPX-Air Unit	Yes

Battery	Light	Standard	HD (high density)
Model	CPX6s16amp	CPX6s22amp	CPX-HD-6s22amp
Capacity	16000 mAh	22000 mAh	30000 mAh
Voltage	22.2 V	22.2 V	22.2 V
Type	LiPo 6S	LiPo 6S	LiPo 6S
Energy	355 Wh	480 Wh	600 Wh
Net Weight	1950 g	2600 g	2570 g
Operating Temperature	14° to 104° F (-10° to 40° C)	14° to 104° F (-10° to 40° C)	14° to 131° F (-10° to 55° C)
Charge Temperature	41° to 104° F (5° to 40° C)	41° to 104° F (5° to 40° C)	32° to 113° F (0° to 45° C)
Max Charging Power	385 W	480 W	600 W

Charger	
Model	CPX Dual charger
Voltage Output	5-50 V
Power Rating	250 W

Downlink	Controller, Video, Telemetry
Operating Frequency	2.400 GHz to 2.483 GHz
	LTE
Max Transmission Distance (unobstructed, free of interference)	6.2 miles (10 km)
Video Output Port	HDMI, SDI

Power System full redundancy	Hexa type (6 rotors)
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Powered by CopterPIX's CPX open framework (hardware and software)