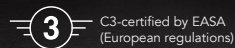




DRONE VOLT®

# KOBRA

AN INTELLIGENT PROFESSIONAL DRONE  
DESIGNED TO ENHANCE OPERATIONAL EFFICIENCY





# The Drone Volt KOBRA, ready to push back the boundaries

Developed for the surveillance, security and inspection industries, this made-in-Europe drone is the ultimate multi-purpose vehicle.

This universal platform embeds an AI ready nanocomputer, giving it great flexibility and an infinite combination of configurations. The quadcopter alone combines 4 strategic assets: intelligence, power, connectivity and modularity.

It combines a number of technologies that enable it to be configured to suit each mission. It is fitted as standard with 2 onboard FPV cameras and 2 LIDAR sensors. Drone Volt KOBRA's modularity makes it easy to integrate a wide range of payloads.



**Infrastructure  
Inspection**



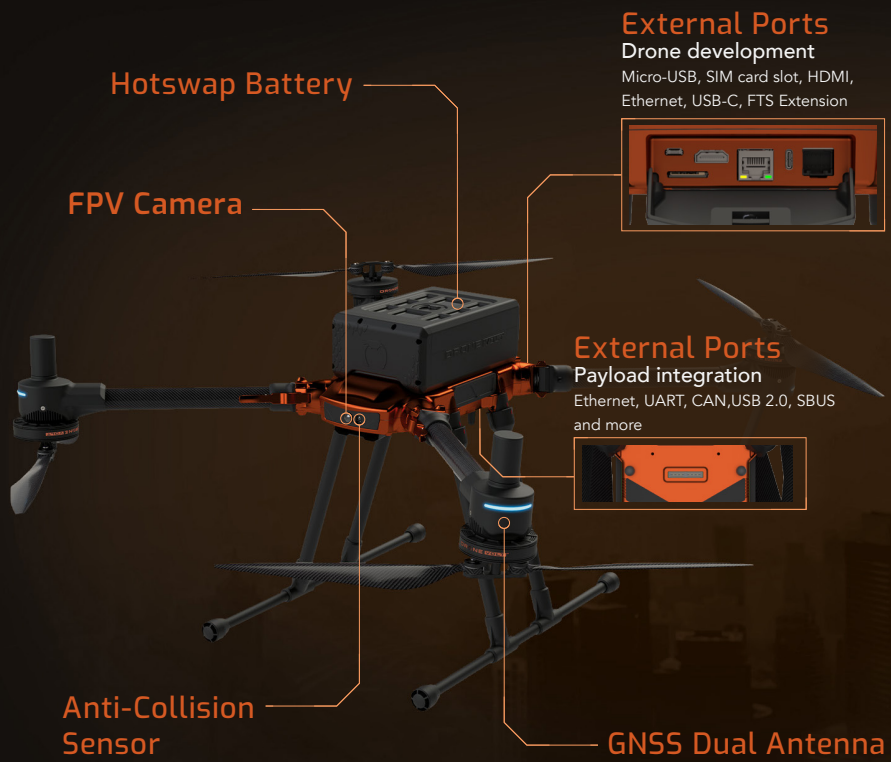
**Topography**



**Public Safety**



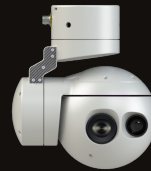
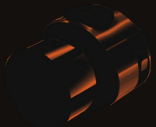
**Search & Rescue**



**Optional Colors**



# Compatible Payloads



## Multiple Integrations

HDMI, Ethernet, USB, UART / Serial, CAN ports enable integration with a wide range of equipment and payloads (gas detectors LiDAR, etc)

## BraveStarCV Scorpio4

48 Mpx Optical sensor  
18x optical zoom and 144x hybrid zoom  
Infrared Precise Temperature Measurement  
AI Intelligent Algorithm  
Laser for high-precision ranging & positioning

## Next Vision Raptor

1920 x 1080 camera resolution  
80x Zoom (40x optical + 2x digital)  
Infrared camera with a 1280x720 resolution and 8x digital zoom  
EO/IR Object Tracking  
IP/LTE encrypted streaming

## Merio - Temis XL 3 Axes

30x Optical zoom  
Infrared camera with a 640x480 resolution  
Inner IMU for stabilisation and artificial horizon computation  
Geo-tracking

## GreenValley intl. LiAir X3-H

Scan Range: 190m@10% reflectance  
Accuracy: 2cm (1σ@20m)  
Lidar wavelength: 905nm  
Number of lidar laser shots: 720,000 points/s  
High-resolution photo module: 26Mpx

Power of Integrated AI



Precise Positioning



Large Payload Capacity

5 kg



AES-128 Encrypted Data



Exceptional Flight Performance

55 minutes



Unlimited Connectivity



Hotswap Battery



Robust and Lightweight Design



Dimensions	Folded	520 x 406 x 233 mm (L×W×H)
	Unfolded	820 x 810 x 456 mm (L×W×H)
Weight	Empty	5,7 kg
	With battery	10,3 kg
	Max Payload	5 kg
	MTOW	15,3 kg
Flight Time	0 kg	55 min
	2.7 kg	40 min
	4 kg	33 min
	5 kg	30 min
Max flight speed	Horizontal	20 m/s (72 km/h)
	Vertical ascent	6 m/s (21,6 km/h)
	Vertical descent	5 m/s (18 km/h)
Wind resistance		15 m/s (54 km/h)
Operating temperature		-15 °C to 40 °C (-5 °F to 104 °F)
Battery	Composition	LiPo
	Voltage	44.76 (12S)
	Capacity	22000 mAh
	Hotswap	Yes
	BMS	Yes
Remote controller	Model	Herelink
	Application	DV Skylink
Transmission	Range (CE)	12 km
	Frequency	2.4 GHz
	Encryption	AES-128
	Wifi	On Drone
	Bluetooth	On Drone
	LTE	4G
GNSS	Module	Ublox F9P
	Constellations	GPS, GLONASS, BeiDou, Galileo
	Dual for yaw	Yes
	RTK	Yes
Sensors	Obstacle avoidance	Forward
	Terrain Following	Yes
FPV Camera	Resolution	1080p
	FPS	30
Other Feature	Onboard Processing	Nano-computer AI Ready (Nvidia Xavier)







**DRONE VOLT**®

**Find out more**  
[www.dronevolt.com/en](http://www.dronevolt.com/en)



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**GICAT**  
The French, Lead, Defense and security  
industry association