



Time UNLIMITED tethered micro UAV  
for stabilized, real-time aerial surveillance  
... keep an eye on you... from above!







Wherever you are, either you are moving or not, COBRA can see all around you.

**COBRA** assures stabilized real-time aerial surveillance with the best size-to-endurance ratio in the market.

Small dimensions, deploying within seconds to a height up to 25m, COBRA can fly, relaying data, with no time limitations, even with active Jammer and with no GPS coverage.



CONTROL UNIT  
(Laptop PC)



With its compact base unit, COBRA is suitable for a wide range of vehicles and can be employed in lots of applications, such as border surveillance, maritime search-rescue, convoy protection, firefighting, real-time event coverage...

COBRA has been **delivered to the Italian Army** and will shortly begin operational evaluation in Afghanistan.

SHOCK-PROOF POWER BOX  
(inside the Vehicle)



LANDING PLATFORM  
(Outside the Vehicle)

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The **COBRA System** is available in three different configurations:

> **Model MR:** developed to be used in operative fields, for persistency convoy protection and over the hill overview. The Power Box is built to be stored inside the vehicle and is designed to be shock proof. The shock-proof landing platform is mounted outside (on the vehicle top or on a custom support).

> **Model L:** industrial grade system for surveillance, inspection and security. All the electronics is included in the Landing Platform

> **Model C:** static aerial surveillance, aerial footage, real-time event coverage. Designed for multimedia applications.

MAIN SPECS	Model MR	Model L	Model C
Automatic Landing	Y	Y	Y
24 VDC Power Supply	Y	Y	Y
100-240 VAC Power Supply	Y	Y	Y
System Back-Up Battery Endurance	90 min	90 min	>90 min
UAV Failsafe battery Endurance	4 min	4 min	2 min
Tracking vehicle maximum speed(*)	50 km/h	50 km/h	STATIC
Safety Parachute Option	Y	Y	Y
Stabilized Pan/Tilt Gimbal	Y	Y	Y
Daylight Camera 720p	Y	Y	N
IR Camera 240/480p	Y	Y	N
Full HD camera 1080p	N	N	Y
Operative cable length	30 mt	30 mt	50 mt (100 mt)
Automatic cable wrap/release	Y	Y	N
GPS loss immunity	Y	Y	N
Jammer immunity	Y	Y	N
Video COFDM link	N	N	Y
Shock-proof Power Box	Y	N	N
Industrial grade/automotive Power Box/GCS (**)	N	Y	N
Commercial grade Power Box/GCS for in vehicle only (***)	N	N	Y
System overall weight (including 3 UAVs)	60 Kg	40 Kg	25 Kg
UAV Weight	< 2 Kg	< 2 Kg	< 3 Kg
<b>NOTES</b> all values are typical			
(*) 25 mt tested	Y	Y	N
(**) designed to meet MIL STD 167 up to 25 Hz vibrations/30g's 11ms	Y	N	N
(***) designed to work in cars/trucks/suv/fixd locations	Y	Y	Y
(****) designed to work in cars, mobile media studios, press mobile locations	N	Y	Y
<b>ENVIRONMENTAL:</b>			
Operative Temperature range	-10°C to +50°C	0/50°C	0/50°C
Storing temperature range	-40°C to +70°C	-40°C to +70°C	0/50°C
Operative Humidity: up to 95% non-condensing	Y	Y	N
Fungus: non nutrients/contaminants	Y	N	N
Salty/Foggy environment	Y	N	N

