



UNMANNED SYSTEMS

COBRA

Technologies

Hexacopter (6 rotors)

Flight duration

Long (above 45 minutes)

Last update

November 08, 2019

General description

The tethered drone is intended for command, coordination and retranslation application in demining operations. In simple words, this apparatus acts as the "EYE IN SKY".

Working characteristics

The UMT Cobra is capable of taking up to 3 kg of payload when operating at 100 meters or 5 kg when operating at 50 meters. This may be video equipment for observation or monitoring the perimeter of the demining area, or be equipped with a signal repeater or booster for closed communication between operating teams or UGVs.

Power supply data

Battery	Power line box(tethered drone system)
Low battery alert	
Low battery alert information	15(backup battery)
Operating time	1 hours
Operating time information	10 hours
Battery charger provided	

Dimensional data

Length	600 mm
Weight	15 kg
Transport case provided	
Transport case information	3 boxes
Transport case weight	12 kg
Case dimensions	1m*1m*600sm

Factory support data

Factory support	Completed technical support from Ukraine
Humidity (limitations)	90 %
Water resistant	
Temperature limitations	- 20 to +40 °C

Price

Reduction for higher quantity	Depending on the number of drones in the complex.
Price for training	Including in price(training on UMT base)

Other

Additional equipment	Ground Control Station
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Technical data

Max hovering duration (no wind)	600 minutes
Max wind speed resistance	43 km/h
Operating frequency	900 GHz
Flight / trip planning software	
Live data transmission	
Image processing software	

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Other information

UMT - Sophisticated yet user-friendly unmanned aerial solutions consist of long-range hybrid UAV - Clcada and long-endurance tethered drone system - Cobra. These two unique robotic/unmanned platforms provide different capabilities in demining mission activities or humanitarian mine action projects.

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Images

