



A new perspective on security

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# *Hovermast*

Unlimited Airborne  
Intelligence for Enterprises

# The Only Tethered Hovering Platform for Enterprises

Sky Sapience's HoverMast series offers unique aerial solutions for real time intelligence and communication, tailored to the needs of enterprises. HoverMast's tethered hovering platforms provide unlimited power and operational time, as well as high payload, visibility and mobility. Providing a complete solution, HoverMast brings not only top-level observation and surveillance capabilities, but also an effective communication tool for handling events. It enables immediate and continuous data transmission through a wideband link to any destination, setting up valuable communication between different teams to facilitate optimal handling of the event.

HoverMast's innovative patented technology is encased by an extremely simple and friendly user interface requiring minimal technical expertise. HoverMast is based on the only tethered hovering technology that successfully operates worldwide, serving cross-national entities such as the United Nations and large organizations in the United States, Asia and Israel.

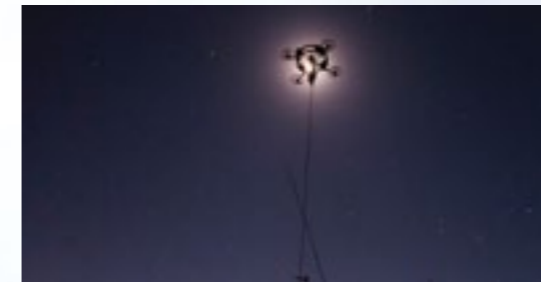
## Features

- Unlimited power and operational time
- Exceptional payload, visibility and mobility
- Wide variety of enterprise applications
- Complete solution from surveillance to communication for Excellent performance
- Simple and friendly user interface
- Free of restrictions of air control regulation – operable virtually anywhere



# Variety of Enterprise Applications

Providing extended aerial perspective immediately and independently, HoverMast is ideal for perimeter control, event management, communication and cellular applications for strategic facilities, oil & gas pipelines and rigs, traffic control, emergency response, firefighting, mines, forests and national parks, disaster areas and mass events.



## 24/7 Operation

Rising to 100 meters within seconds, the HoverMast is secured by a cable which provides an unlimited power supply. The aerial platform automatically maintains position above the ground vehicle even while on the move. As the system is passive and relatively quiet, it is perfect for missions in which low signature is required.



## Exceptional Size-to-Payload Ratio

HoverMast is able to host any payload up to 18 kg, such as CCD/IR cameras and communication devices. The data gathered is transmitted via a wideband communication link to selected recipients in real time.



## Small Vehicle Compatibility

With its compact base unit, the HoverMast can be launched from a wide range of small platforms: UGVs/USVs, pick-up trucks, boats, ATVs, communication vehicles, etc. HoverMast is able to host any payload up to 18 kg, such as CCD/IR cameras and communication devices. The data gathered is transmitted via a wideband communication link to selected recipients in real time.



## Free of Air Control Regulations

As a tethered platform, HoverMast is exempt from standard air control regulations requiring various licenses and restrictions on areas of activity. This renders HoverMast immediately available for any task, virtually anywhere, including urban areas in the proximity of buildings.

## Leading the Revolution of Tethered Hovering Technology

Sky Sapience is the leading provider of tethered hovering platforms worldwide. Its stabilized, fully autonomous platforms enable 360° surveillance and communications for both defense and enterprise customers. Dedicated to continuous innovation, Sky Sapience team features experts in the fields of mechanical engineering, aeronautics, robotics, software programming, electronics, and business management. Selected by major entities across the world, the company has a strong technological core and a multi-patented, field proven product.



## HoverMast Series

	HoverMast 50	HoverMast 100		HoverMast 150			HoverMast 50-N (Naval)	HoverMast 100-N (Naval)		HoverMast 150-N (Naval)		
<b>Platform Type</b>	Mobile	Mobile		Mobile			Marine	Marine		Marine		
<b>Hovering Height (m)</b>	50m	100 m		150 m			50 m	100 m		150 m		
<b>Payload (kg)</b>	6kg	10kg at 50m	7kg at 100m	18Kg at 50m	12kg at 100m	6kg at 150m	6kg	10kg at 50m	7kg at 100m	18Kg at 50m	12kg at 100m	6kg at 150m
<b>Wind endurance (kts)</b>	25 kts	25 kts		25 kts			25 kts	30 kts		30 kts		
<b>Deployment time</b>	Seconds	Seconds		Seconds			Seconds	Seconds		Seconds		
<b>Redeployment time</b>	Seconds	Seconds		Seconds			Seconds	Seconds		Seconds		
<b>Operation mode</b>	Autonomous	Autonomous		Autonomous			Autonomous	Autonomous		Autonomous		
<b>Operational time</b>	Unlimited (generator)	Unlimited (generator)		Unlimited (generator)			Unlimited (generator)	Unlimited (generator)		Unlimited (generator)		
<b>Remote Control</b>	+	+		+			+	+		+		

## HoverMast Commercial Series

	HoverMast 50-C	HoverMast 100-C		HoverMast 150-C			HoverMast 50-CN (Naval)	HoverMast 100-CN (Naval)		HoverMast 150-CN (Naval)		
<b>Platform Type</b>	Mobile	Mobile		Mobile			Marine	Marine		Marine		
<b>Hovering Height (m)</b>	50m	100 m		150 m			50 m	100 m		150 m		
<b>Payload (kg)</b>	6kg	10kg at 50m	7kg at 100m	18Kg at 50m	12kg at 100m	6kg at 150m	6kg	10kg at 50m	7kg at 100m	18Kg at 50m	12kg at 100m	6kg at 150m
<b>Wind endurance (kts)</b>	25 kts	25 kts		25 kts			25 kts	30 kts		30 kts		
<b>Deployment time</b>	Seconds	Seconds		Seconds			Seconds	Seconds		Seconds		
<b>Redeployment time</b>	Seconds	Seconds		Seconds			Seconds	Seconds		Seconds		
<b>Operation mode</b>	Autonomous	Autonomous		Autonomous			Autonomous	Autonomous		Autonomous		
<b>Operational time</b>	Unlimited (generator)	Unlimited (generator)		Unlimited (generator)			Unlimited (generator)	Unlimited (generator)		Unlimited (generator)		
<b>Remote Control</b>	+	+		+			+	+		+		