APPLICATIONS

NUCLEAR POWER GENERATION

Refueling outage and decommissioning solution, reducing scaffold builds through overhead component visual inspections. Decreasing cost, increasing safety and reducing time to support a quicker outage completion.

MANUFACTURING

Plant floor infrastructure and structural inspection capabilities to improve manufacturing facility and equipment uptime while reducing costs, time and labor for shutting down production areas and using expensive and risky scaffolding.

INFRASTRUCTURE

Inspect with ease indoor and outdoor infrastructures as bridges, chimneys and power lines. Skycopter’s powerful motors and its advanced Sport Mode allow it to perform even in windy conditions.

PUBLIC SAFETY

Increased situational awareness and safety for Police, SWAT, Fire Departments and Emergency Response. Real-time visual support for emergency and tactical situations such as active shooter, hostage situations, search and rescue, natural disasters, building and infrastructure integrity verification and confined space access.

INDUSTRIAL

Skypersonic takes industrial inspections to a new level. With its small size and proprietary caged technology, Skycopter can easily inspect places no man or machine can reach.

ADVANCED FEATURES

- UAV protected by ultra-resistant clear cage and robust meridian chassis
- Designed for extreme and harsh environments, confined spaces and emergency response remote visual inspection needs
- Three flight modes including: Sport, Normal and Crawler
- Skyloc, a proprietary indoor positioning system that can also work as a collector of data from multiple sensors to provide instant and recorded feedback on its proprietary app:
  - Linear distance tracking and measurement
  - On-Board temperature monitoring
  - Gas detection: Carbon monoxide, Methane, Ethanol, Hydrogen and Ammonia

Indoor, Confined Space Inspection UAS

The World’s most innovative technological approach to drone based inspections!

- Increased Safety for your personnel and staff
- Expanded areas of inspection to impossible or unaccessible places
- Reduced time, labor and cost for difficult inspection missions
- Real-time situational awareness for public safety and emergency response teams.
- On-board Skyloc Telemetry Gateway and Positioning System

Request a quote on www.skypersonic.net
SKYCOPTER

TILTABLE FPV HD CAMERA
Full HD camera @60 FPS with latency-free transmission and 64 GB of on-board video memory

REVOLUTIONARY CAGE
Transparent, light and extremely flexible, it allows the drone to bump on surfaces without damage

INTELLIGENT FLIGHT SYSTEM
Precise in flight and insensible to strong electromagnetic interferences

HIGH POWER MOTORS
Dust-proof brushless motors tweaked for endurance and reliability

LIGHTING DEVICE
With six dimmable powerful LEDs, the Skycopter can fly in complete darkness

HIGH CAPACITY BATTERY
The powerful battery used in the Skycopter allows an extended flight time

Request a quote on www.skypersonic.net

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