



TerraDrone
Arabia



From Above to Ahead

Drones for Smart City Solutions

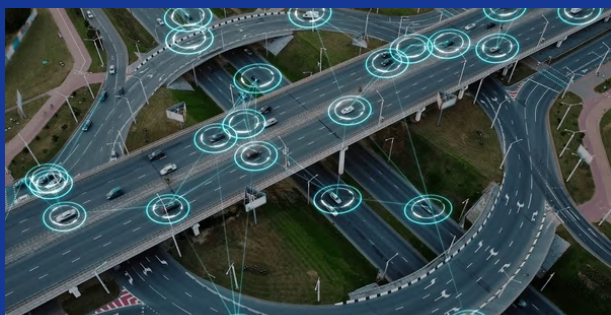
Modern cities face rapid growth, straining safety, mobility, and sustainability. Traditional CCTV, patrols, and surveys leave blind spots, high costs, and delays. The utilization of drones can cover 25 km² in minutes, delivering real-time insights with thermal and night vision, cutting manpower costs by 30% and enabling smarter, continuous monitoring.



Urban Planning & Digital Twins: Digital twin models allow city planners to simulate and optimize new projects, enhancing resiliency and sustainability



Infrastructure Inspection: Equipped with RGB and thermal sensors to inspect bridges, telecom towers, utilities, and building façades without disrupting operations



Traffic & Mobility Management: A digital traffic management system that enables safe, scalable drone operations in urban air mobility, supporting applications like logistics and delivery



Surveillance & Public Safety: Provide real-time surveillance, crowd monitoring, emergency response support, and enhance law enforcement efficiency





Environmental Monitoring: Drones detect air quality, GHG emissions, methane leaks, and pollution levels, providing actionable data for sustainability initiatives



Disaster Management & Emergency Response: Rapid aerial assessments after floods, fires, or earthquakes enable damage mapping and improving response speed

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