KOBRA™ 725

Powerful, Heavy-Payload Robot

APPLICATIONS

- EOD/C-IED MISSIONS
- RECONNAISSANCE
- BUILDING INSPECTION
- REMOTE CBRN DETECTION CAPABILITY
- HAZMAT MATERIAL INSPECTION
- NUCLEAR POWER MAINTENANCE
- REMOTE MONITORING



Kobra 725 provides unmatched strength, power, and payload support. The robot is designed to be a remote operational platform with a manipulator arm capable of lifting heavy loads. Kobra 725 is highly maneuverable in rough terrain and able to climb stairs. The state-of-the-art, IOP-compliant system allows for future payload expansion. Kobra 725 allows easy integration and deployment of a large range of accessories for EOD, CBRN/HazMat, breaching, and other applications.

The typical configuration of Kobra 725 consists of the mobility platform with a movable deck, a high strength manipulator arm, camera mast with an HD PTZ camera, as well as several universal payload ports and mounting points to attach and integrate numerous accessories such as thermal cameras, mine clearance tools, rangefinders and/or LIDAR, X-ray equipment, CBRN sensors, and more.

FEATURES

POWERFUL AND COMPACT

Lift capacity of 330 lb (150 kg) and vertical reach of 138" (350 cm) yet stows into a compact footprint and is transportable in small vehicles.

SUPERIOR MOBILITY IN TOUGH TERRAIN

Extricates itself from rough environments where other robots get stuck or damaged. Surmounts obstacles like jersey barriers.

SITUATIONAL AWARENESS

Multiple HD cameras. Zoom and illumination capability at your fingertips.

EXPANDABLE

An IOP-compliant payload architecture accommodates a wide range of payloads and accessories, enabling multiple different mission-profiles.

SPECIFICATIONS

Product Specifications	
Weight	Total: Less than 550 lb (250 kg)
Runtime & Charging	Up to 10 hrs
Mobility - Speed	Up to 8 mph (12.9 km/h)
Mobility - Agility	Zero radius turn
Mobility - Terrain	Climbs stairs, slopes, jersey barriers, and other complex terrain
Manipulator - Lift	330 lb (150 kg) close-in 100 lb (45 kg) at max extension
Manipulator - Reach	Vertical: 138" (350 cm) Horizontal: 74" (189 cm)
Awareness	Five (5) or more cameras for mobility and HD inspection Two-way audio
Compatible	Connects to the Wave Relay® MANET, to form a robust network in which robots, operators, and observers seamlessly operate together.
Expansion	Multiple payloads ports support disruptors, HazMat/CBRN sensors, fiber optic spooler, and other accessories.
Controller	The uPoint® Multi-Robot Control System features a tablet with touchscreen control. Includes hand-controller.
Export Regulations	ITAR







Specifications are subject to change without notice.
For the most up-to-date specs, go to www.teledyneflir.com

AMERICAS

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