



## POWERFUL, HEAVY-PAYLOAD ROBOT

# FLIR Kobra™

FLIR Kobra provides unmatched strength, power, and payload support in an easy-to-operate robot package. Kobra has a lift capacity of 330 lb (150 kg) and stretches up to a height of eleven feet, six inches, gaining access to hard-to-reach places, making it an ideal counter-vehicle borne I.E.D. robot.

Suitable for indoor and outdoor use, Kobra maintains mobility on tough terrain. Unique in its class, the robot conquers challenging obstacles such as jersey barriers.

Kobra extricates itself from rough environments where other robots get stuck or damaged. If Kobra rolls over, it can be righted, eliminating the need for manual recovery.

Kobra can be on-scene quickly because it stows down into a compact footprint and is easily transportable, even in small vehicles.

Kobra uses the MPU5 radio operating on the Wave Relay® MANET, to form a robust network in which robots, operators, and observers seamlessly operate together.

## FEATURES

### POWERFUL, YET COMPACT

Lift capacity of 330 lb (150 kg) yet stows down into a compact footprint and is easily transportable, even 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

Four color cameras with zoom and illumination capability.

### RUGGED

Operates in uneven terrain. Recovers from rollovers while remaining mission capable.

### SUPERIOR COMMUNICATIONS

The MPU5 radio operating on the Wave Relay® MANET, allows the robot to penetrate deeper into complex structures and further downrange than ever before.

## APPLICATIONS

EXPLOSIVE ORDNANCE DISPOSAL (EOD)

REMOTE INSPECTION

SURVEILLANCE/ RECONNAISSANCE

CBRN/ HAZMAT DETECTION

DETAILS

Accessories

High Resolution Gripper Camera Kit - high quality image for fine manipulation and inspection (i.e. wires).

Dual Mounting Plate with Aiming Camera Kit - mount up to 2 disruptors simultaneously with camera for enhanced aiming capability.

High Back Camera - wide angle image provides situation awareness for the system.

Disruptors and the Firing Control System - accommodates disruptors. Uses a third-party firing circuit.

Product Specifications

Weight - Mobility platform (including interchangeable battery pack)	367 lb (166.4 kg)
Weight - Manipulator	133 lb (60.3 kg)
Runtime	Up to 10 hours
Mobility - Speed	Up to 8 mph (12.9 km/h)
Mobility - Agility	Zero radius turn
Mobility - Slopes	55° (ascend, descend, lateral)
Mobility - Water Ford	12" (30.5 cm)
Mobility - Vertical Obstacles with Arm	32" (81 cm)
Mobility - Stair Climbing	55°
Manipulator Lift	330 lb (150 kg) close-in 100 lb (45.4 kg) at max extension [(75" (190.5 cm))]
Awareness	Drive camera, Rear camera, PTZ camera (312x)
Compatible	 Connects to the Wave Relay® MANET, to form a robust network in which robots, operators, and observers seamlessly operate together.
Expansion	Multiple payload ports, manipulator Multiple accessories and disruptors supported
Controller	Rugged Laptop
Export Regulations	ITAR



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