

DESCRIPTION

The RICS consists of an active video-camera system embedded with precise drilling measures to enable law enforcement EOD personnel to gain real-time situational awareness (at-a-distance) in prosecuting VBIEDs. The resultant live video-camera streaming will allow EOD operators to collect and process real-time data which can later be used for intelligence, forensic, or RSP purposes.

SPECIFICATIONS

WEIGHT:	32.20 lbs
DIMENSIONS (L X W X H):	30in x 7in x 12in
POWER SUPPLY:	RIC: Dewalt 18VXR Li-Ion battery Camera: Four 3V Lithium batteries (CR123A type)
RUNTIME:	RIC: 7-15 holes per charge (dependent on material drilling) Camera: over 8 hours
FREQUENCY RANGE:	5.475 to 5.825 Ghz (4 channel system)
TRANSMISSION DISTANCE:	Up to 400ft line of sight
CAMERA RESOLUTION:	420 lines
CAMERA LIGHT SENSITIVITY:	0.5 lux
CAMERA SENSOR TYPE:	1/4 inch CMOS
FIELD OF VIEW:	50 degrees
ILLUMINATION:	Two white LEDs

KIT CONTENTS» **DRILLING SYSTEM**

- » One: Robotic Insertion Camera
- » One: Robot-mounted RIC drilling system
- » One: Drill camera assembly
- » Two: Extra 1 3/8" self-starting DeWalt step drill bits
- » One: Fabric case with spare 3V batteries and spare fuses
- » One: 5.8 Ghz antenna
- » One: Strap wrench
- » One: T10 Torxhead screwdriver
- » One: 12in crescent wrench
- » One: Control box cable assembly
- » Two: 18V VRP Li-Ion DeWalt batteries
- » One: DeWalt battery charging station
- » Two: Instruction manuals (1 user manual + 1 supplementary for the monitor system)

» **MONITOR SYSTEM**

- » One: Panasonic Toughbook monitor
- » One: Monitor power cable
- » One: POE (power over Ethernet) cable
- » One: Monitor base
- » One: CAT6 cable (custom length)
- » One: Antenna tripod
- » One: 5.8 flat patch antenna

