

The ability to turn an idea into a fully functional elite tactical product entirely in house is a unique service that sets Tactical Electronics apart from the competition. By hand selecting each member of our team, our clients enjoy complete confidence knowing that the best and brightest are on the job. Our team includes:

- . Mechanical Engineers
- Electrical Engineers
- Software Engineers
- CNC Programmers

Rather than segmenting team members into vertical units based on expertise, we have specifically designed a working environment that encourages interdisciplinary collaboration and includes state of the art 3D printers and CNC machines. Our team approach aggressively accelerates all stages of product development from initial concept through prototyping to machining while maximizing the value of the services our clients receive.

At Tactical Electronics we combine our internal resources with direct feedback from established Military and Law Enforcement clients to provide products and services that are specifically designed to protect those who protect us.

RESEARCH AND DEVELOPMENT:

Our Research & Development team has one objective; provide unique solutions. This is why each and every product we develop begins with a clearly defined objective. Any deviation from the mission at hand wastes time and puts lives at risk. At Tactical Electronics, we never deviate and the products we design provide elite functionality with unmatched efficiency and reliability.





PRODUCTS CATALOG

CAMERA SYSTEMS | K-9 SYSTEMS | FIBERSCOPES | WIRELESS MONITORS | EOD TOOL KITS | TRAINING AIDS | TACTICAL SYSTEMS | EOD / MOE TO

CAMERA SYSTEMS

- LONG POLE SEARCH SYSTEM
- POLE CAMERA SEARCH SYSTEM
- UNDER DOOR CAMERA
- UNDER DOOR CAMERA PRO
- UNDER DOOR CAMERA 360
- SIRE: MULTI-FUNCTIONAL ROBOT
- HANDHELD INSPECTION TOOL
- THERMAL HANDHELD INSPECTION TOOL
- HELMET CAMERA
- SPLIT SHOT SCOPE TRANSMITTER
- REMOTE VIEWING CAMERA
- VIDEO INSPECTION KIT
- TACTICAL INSPECTION KIT

✓ K-9 SYSTEMS

- 32 K-9 BACK MOUNTED CAMERA
- 34 K-9 CHEST MOUNTED CAMERA
- 36 K-9 GUIDANCE SYSTEM

₩ FIBERSCOPES

- 38 VIDEO FIBERSCOPE
- 40 VIDEO FIBERSCOPE WORKING CHANNELS
- 42 OPTIC FIBERSCOPES FS1 NET / FS2 NET

TACTICAL ELECTRONICS

WIRELESS VIDEO:

CONTACT INFO:

WEBSITE:

tactical electronics.com

EOD TOOL KITS

50 - VIDEO SIGNAL REPEATER

- 54 1ST LINE TOOL KIT
- 54 IMMEDIATE ACTION POUCH

WIRELESS MONITORS

WRIST MOUNTED MONITO

48 - PRO MONITORS - HHM PRO / WMM PRO

HANDHELD MONITOR

49 - MONOCULAR MICRO VIEWER

49 - HEADS-UP DISPLAY

49 - VEHICLE RECEIVER

- 56 RIP KIT: REMOTE IN-EXTREMIS PULL LINE
- 56 RIP REFILL KIT
- 58 MANUAL ACCESS KIT
- 58 BIT KIT
- 60 DET DIAGNOSTIC KIT
- 60 SPECIAL ACCESS KIT
- 62 2ND LINE TOOL KIT

▼ TRAINING AIDS

- 65 BOOBY TRAP DEVICES
- 65 CHEMICAL / BIOLOGICAL / RADIOLOGICAL DEVICES
- 65 IMPROVISED EXPLOSIVE DEVICE (IED) KITS
- 66 DOMESTIC DEVICES
- 66 HOSTAGE DEVICES
- 67 IN THEATER DEVICES
- 67 VEHICLE BORNE DEVICES

TACTICAL SYSTEMS

- 70 SIRE KITS: MULTI-FUNCTIONAL ROBOT
- 71 RAPTR: UNMANNED AIRCRAFT SYSTEM
- GSP: GYRO STABILIZED FIRING PLATFORM

₩ EOD / MOE TOOLS

- 74 GRID AIM SYSTEM
- 75 HEAVY ACCESS KIT
- 75 LIGHT ACCESS KIT
- 75 DETONATOR ANALYSIS TOOL
- 77 ALARM BYPASS TRAINER BOX
- 77 BLACK OUT TARP
- 77 DETONATOR DIAGNOSTIC TRAINER
- 78 PROSECUTOR
- 78 SCORPION
- 78 WIRE ATTACK SPECIAL PIERCER PROBES
- 79 DRY LINING WALL CUTTER
- 79 REED SWITCH DETECTOR
- 79 IMPRESSION VIEWER
- 80 MOUTH HELD TORCH
- 80 HOLE CUTTER LARGE
- 80 MAINS TAP KIT

TACTICAL ELECTRONICS

- 81 FACILITIES
- 83 CONTACT INFO







four channel system 4 � 4 WIRELESS VIDEO:

DEPLOY MULTIPLE camera systems and monitors on one wireless video network



WIRELESS NETWORK

All camera systems and monitors are designed to operate together on a wireless video network. Real-time video from each camera system is transmitted and displayed on the monitor. The wireless video network is specifically designed to deploy multiple camera systems and monitors at the same time. Controlled by the push of a toggle button, an operator can easily view video from four separate camera systems on a single monitor.

WIRELESS MONITORS: I WMM I HMM I MMV I HUD I WMM PRO I HMM PRO

TACTICAL ELECTRONICS

LONG POLE SEARCH SYSTEM



The LPSS3 provides wireless video surveillance and observation of subjects at significant heights and distances. The LPSS3 features a 20ft collapsible extension pole, a flexible neck camera head surrounded by eight IR LEDs, and an internal DVR for video recording. The rigid extension pole provides greater stability when the system is deployed. The main housing is conveniently stored inside the collapsed pole for timely stowaway.

Weight: 4.0 lbs (pole, camera unit, camera head attached) Pole length: 25.25in (collapsed) / 20.0ft (extended) Camera Unit Dimensions (L x W): 4.043in x 1.842in Camera Head Dimensions (L x W x H): B/W: 9.66in x 1.38in x 1.50in / Color: 9.66in x 1.38in x 1.71in Power Supply: Four 3V Lithium batteries (CR123A type)



CAMERA HEAD

The LPSS3 black and white camera head has 420 lines of resolution with a 0.0003 lux low light performance CCD. Eight IR LEDs surround the camera lens providing enhanced viewing in low ambient light environments. The camera head is attached to a flexible neck to ensure proper viewing orientation at all times.

FEATURES

- Live wireless transmission
- 20ft telescoping pole
- Light sensitive camera Eight IR LEDS
- Weighs under 4.0 lbs
- 16 hours video recording capacity
- Flexible neck camera heads
- Post operation review
- Push / turn pole connection

WIRELESS





POLE CAMERA SEARCH SYSTEM





The Tactical Electronics Pole Camera provides wireless video surveillance and observation of subjects around corners and barriers. The multiple 'quick-change' extensions, flexible rotating camera heads, and innovative wireless technology make this system a must for every tactical operator.

Weight: 3.0 lbs

cell controlled)

Collapsed Length: 23.0in

Extended Length: 80.0in, with two quick-change extensions Power Supply: Four 3V Lithium batteries (CR123A type) Housing Material: High-density polyethylene, anodized aluminum B/W Camera head illumination: 10 Infrared LEDs at 880nm Color Camera head illumination: 8 Infrared LEDs at 850nm (photo







four channel system simultaneous operation 4 + 4

WIRELESS VIDEO:

HANDLE ASSEMBLY

The PCSS1 small handle assembly houses the wireless transmitter, battery compartment, motherboard, and other electronics needed to operate the system. This eliminates the inconvenience of transporting heavy battery packs or dealing with tangled cables, simply insert the batteries and flip a switch.

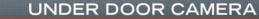
FEATURES

- Wireless video transmission
- Rotating camera heads
- Weighs under 3.0 lbs
- Hard-wire video output
- Flexible rubberized neck Up to 8 hours of runtime
- Quick change extension poles
- Submersible to 30ft.
- SD card video recording (optional)

WIRELESS











The UDC System is a wireless under the door camera designed to provide operators with covert video inspection of rooms behind closed doors. A light sensitive black and white camera, an IR LED illuminator, and 4 IR LEDs provide wireless vision to any dark area. An optional telescoping deployment pole enables operators to quickly deploy and maneuver the unit from a position of cover. The UDC also features an internal DVR that records real-time video directly to an SD card for post operation review and archiving.

Weight: 16.60oz

Dimensions (L x W x H): 8.352in x 3.30in x 1.66in

Insertion Panel: 0.262in thick

Power Supply: Four 3V Lithium batteries (CR123A type)

Housing Material: High-density polyethylene, anodized aluminum







four channel system simultaneous operation 4 + 4

WIRELESS VIDEO:



The UDC unit contains a .005 lux black and white camera housed between four directional IR LEDs and one flood IR illuminator. The IR illuminator provides 180 degrees of illumination and is designed to fully flood a 15 x 15ft room with IR light. Due to varying amounts of ambient light in tactical environments the IR illuminator offers adjustable brightness control.

FEATURES

- Forward facing camera view
- Light sensitive B/W camera Wireless video transmission
- IR LED flood illuminator Four directional IR LEDs
- 400 lines of resolution
- Optional hard-wire operation
- Telescoping deployment pole option
- SD card video recording

WIRELESS







UNDER DOOR CAMERA PRO



The UDC Pro is a 2-camera system that provides dual camera views. The unit is equipped with forward and upward facing cameras. With the push of a button the forward and upward camera views can be wirelessly toggled, allowing operators to covertly inspect both the interior of a room and the interior side of the door. A telescoping deployment pole enables operators to quickly deploy and maneuver the unit from a position of cover. The UDC Pro features video recording and wireless video monitoring to PRO Monitors.

Weight: 17.06oz

Dimensions (L x W x H): 9.75in x 3.30in x 1.66in

Insertion Panel: 0.262in thick

Power Supply: Four 3V Lithium batteries (CR123A type)



four channel system 4 344

WIRELESS VIDEO:

DUAL VIEW CAMERAS

The UDC Pro contains two light sensitive B/W cameras that offer dual views of a room's interior. The forward camera angle provides a view of a room's interior while the upward camera angle provides view of the interior side of a door. Both cameras are housed within the insertion panel along with four directional IR LEDs and one flood IR illuminator. The IR illuminator features adjustable brightness control and remote toggling.

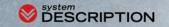
FEATURES

- 2 camera views: forward / upward Wireless toggle of 2 camera views Wireless video transmission IR LED flood illuminator
- Four directional IR LEDs
- Wireless remote LED toggle IR LED brightness control
- Telescoping deployment pole (20ft)
- SD card video recording

WIRELESS







The UDC 360 is a 4-camera system that provides left, right, forward and upward camera views. All four camera views can be remote toggled, allowing operators to covertly inspect all angles of a room and the interior side of the door. The cameras are housed within the insertion panel and feature four directional IR LEDs and a flood IR illuminator. A telescoping deployment pole enables operators to quickly deploy and maneuver the unit from a position of cover. The UDC 360 features video recording and wireless video monitoring to PRO Monitors.

Weight: 18.06oz

Dimensions (L x W x H): 9.7in x 3.3in x 1.6in

Insertion Panel: 0.262in thick

Power Supply: Four 3V Lithium batteries (CR123A type)





WIRELESS VIDEO:

QUAD VIEW CAMERAS

The UDC 360 contains four light sensitive B/W cameras. The left, right, and forward cameras provide a complete view of a room's interior while the upward camera angle provides view of the interior side of a door. All four cameras are housed in the insertion panel along with four directional IR LEDs and a flood IR illuminator. The IR illuminator features adjustable brightness control and remote toggling.

FEATURES

- Left-right-forward-upward cameras Wireless toggle of 4 camera views
- Wireless video transmission
- IR LED flood illuminator
- Wireless remote LED toggle
- IR LED brightness control
- Telescoping deployment pole (20ft)
- SD card video recording

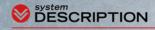












The SIRE is a multi-functional wireless robot ideal for surveillance, payload delivery, and IED Render Safe Procedures. Designed for rapid deployment, the SIRE integrates detachable wheels, a removable camera head, and weighs 4.0 pounds. Attach the camera head to the base unit and view wireless video on any Tactical Electronics monitor. The small remote is designed for one hand operation and has a transmission distance of 300 feet (line of sight). SIRE easily maneuvers over rugged terrain and can be utilized in a variety of situations.

Weight: 4 lbs 14 oz (2.21kg)

Dimensions: 15 x 9.75 x 1.5in (packed); 15 x 14 x 5in (deployed)

Slope Mobility: 55 Degree Climb (friction dependent)

Power Supply: 11.1V 3S 2200 mA-hr LiPo internal; optional







four channel system 4 344 WIRELESS VIDEO:



IED Render Safe Procedures

Delivery of explosive charges down range Payload delivery in tactical operations

- Wireless video reconnaissance
- Search & Rescue
- EOD and route clearance
- Accommodates optional payloads, including Video Transmitter

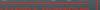


- Wireless remote control
- Compact and portable
- Lightweight (4.0lbs)
- Detachable wheels Removable camera head
- Rapid deployment
- Maneuverable over rugged terrain
- Tank Drive with zero-radius turn

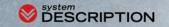
WIRELESS











Gain visual access through small cracks or openings with the Handheld Inspection Tool 2. Featuring a 9 inch flexible neck and low light camera, the HHIT2 is highly portable and transmits video wirelessly to any Tactical Electronics monitor. This unit allows covert vision and is ideal for looking around corners and inspecting packages.

Weight: 0.8 lbs

Dimensions (L x W x H): 20.25in x 2.840in x 1.50in Power Supply: Three 3V Lithium batteries (CR123A type) Housing Material: High-density polyethylene, anodized aluminum Illumination: 2 forward facing variable intensity LEDs Camera Sensor Type: 1/3in Sony Super HAD CCD







four channel system 4 + 4

WIRELESS VIDEO:



The HHIT2 black and white camera head contains two variable intensity LEDs mounted next to the camera for added light supplement. Customers can choose from IR, green, white, blue, or EOD. The luminosity of the camera head's LEDs are controlled by a thumb wheel on the side of the unit.

FEATURES

- Integrated video eyepiece
- Wireless video transmission
- 9.0in flexible neck
- Focal length: 1ft infinity
- B/W low light CCD imager 600 Lines of resolution
- Variable light supplement
- 0.90in camera head diameter
- SD card recording (optional)

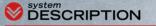
operate WIRELESS











Compact and lightweight this inspection tool provides operators the ability to detect persons or animals when no ambient light is available. The thermal imaging capabilities also provide detection of solenoids, active electronic devices or any other heat source. The thermal imaging camera provides real-time digital video and features automatic gain switching for optimal performance.

Weight: 0.84 lbs

Dimensions (L x W x H): 7.27in x 1.76in x 3.14in Power Supply: Three 3V Lithium batteries (CR123A type) Housing Material: High-density polyethylene, anodized aluminum

Thermal: White hot and black hot toggle

Gain: Automatic gain switching Eyepiece: Integrated video







four channel system 4 344

WIRELESS VIDEO:

automatic gain THERMAL CAMERA

The HHIT2-IR Thermal Imaging Camera provides real-time digital video and features automatic gain switching for optimal performance. The integrated video eyepiece provides 180,000 effective pixels, a focal length from 1 ft to infinity, and a temperature scale display. The unit also provides the ability to switch thermal imaging between white hot and black hot.

FEATURES

- Integrated video eyepiece
- Wireless video transmission
- Resilient construction
- Focal Length: 1ft infinity ■ 180,000 effective pixels
- Weighs under 1.0 lbs
- Video snapshot feature
- Automatic gain switching
- SD card video recording

operate WIRELESS











Exclusively designed for direct recording and archiving of training scenarios and/or live operations, the mountable helmet camera is lightweight and durable. The light sensitive camera and 4 IR LEDS provide enhanced vision in low ambient environments. The unit incorporates an internal mini DVR. The DVR is specifically designed to record real-time audio and video directly to a high capacity SD card for post operation review and archiving.

Weight: 0.60 lbs

Dimensions (L x W x H): 3.84in x 2.40in x 2.59in Power Supply: Four 3V Lithium batteries (CR123A type)

Housing Material: High-density polyethylene, anodized aluminum

Illumination: 4 forward facing IR LEDs Mounting: Picatinny Rail or Velcro







four channel system 4 344

WIRELESS VIDEO:



The HCT3 camera is a Sony ex-view CCD with a 3.6 MM precision microlens and a 92 degree FOV. The camera has 600 lines of resolution with a 0.0003 lux low light performance. Housed below the camera lens are four high/low intensity IR LEDs designed for enhanced camera vision in extreme low-light situations.

FEATURES

- 4 hours of audio & video recording
- Live wireless transmission
- Weather resistant
- Rail mounted or Velcro attached
- SD card recording
- Post operation review
- High / Low IR LEDS
- Omni directional microphone
- Low light sensitive camera

WIRELESS





SPLIT SHOT SCOPE TRANSMITTER





The Split Shot Scope Transmitter from Tactical Electronics provides operators with integrated mounting to multiple optical scopes. The Split Shot System is uniquely designed to provide the user with real-time wireless video transmission of images and targets viewed directly through the optical scope lens.

Weight: 1.24 lbs

Dimensions (L x W x H): 5.166in x 2.084in x 1.574in Power supply: Two 3V Lithium batteries (CR123A type)

Camera Light Sensitivity: 0.05 lux

Camera Sensor Type: 1/3in Super-HAD CCD







WIRELESS VIDEO:

DVR RECORDING

The Split Shot incorporates an internal mini DVR. The system is capable of recording up to four continuous hours of live operations and training scenarios directly to a high capacity SD card. This optional feature is specifically designed for review and archiving of post operational video.

FEATURES

- Wireless video transmission
- Low light sensitive camera SD card video recording 600 lines of resolution (B&W)
- 550 lines of resolution (color)
- 4+ hours of runtime
- Available for most optical scopes
- Quick attach capability
- Weighs less than 0.50 lbs

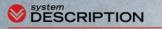
operate WIRELESS











The Tactical Electronics RVC Remote Viewing Camera is a compact, weapons mountable camera system that provides operators with unparalleled viewing and targeting of subjects around corners and barriers. The RVC System transmits video directly to the Tactical Electronics monitors while safely allowing precise aiming from behind cover.

Weight: 3.70 oz

Dimensions (L x W x H): 2.72in x 1.77in x 1.76in Power Supply: Two 3V Lithium batteries (CR123A type) Housing Material: High-density polyethylene, anodized aluminum Camera Sensor Type: 0.25in Black and White CMOS image sensor Field of View: 50 degrees







four channel system 4 344

WIRELESS VIDEO:



Mounting: Picatinny Rail Mount

The RVC is picatinny rail mountable on any weapon platform. The unit also provides a picatinny rail mount for attachment of a supplemental light source.

FEATURES

- Wireless video transmission
- Picatinny rail mounted
- Resolution: 240 TV Lines Resilient construction
- 6 hours of runtime
- Weighs 3.70 ounces
- B/W CMOS image sensor





VIDEO INSPECTION KIT

The Video Inspection Kit (VIK) includes Tactical Electronics most trusted wireless camera systems and monitors. Seeing what is behind closed doors, in an attic, or in a suspicious package allows your team the advantage they need for tactical planning and execution. Putting distance between yourself and the threat enhances your safety.

POPULATION LIST

VIDEO FIBERSCOPE

UNDER DOOR CAMERA

HELMET CAMERA

HANDHELD INSPECTION TOOL

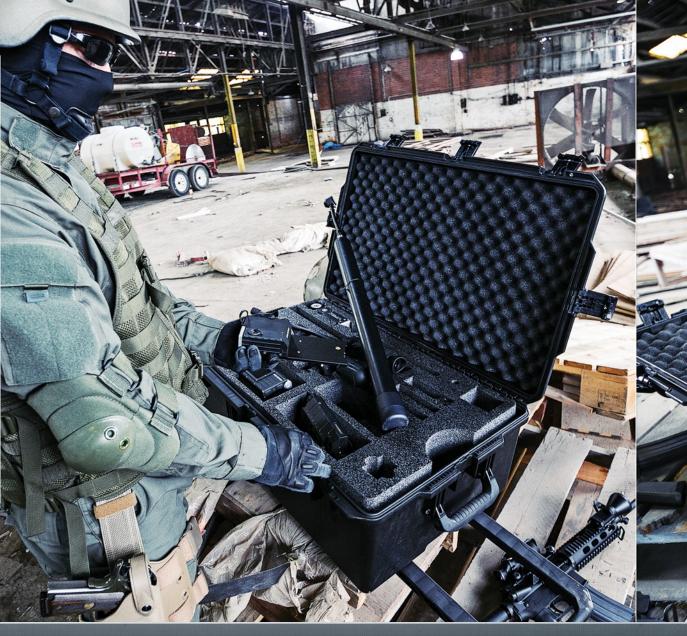
HHIT3-IR: THERMAL HANDHELD INSPECTION TOOL

LONG POLE SEARCH SYSTEM WRIST MOUNTED MONITOR

HANDHELD MONITOR

HUD: HEADS-UP DISPLAY

MONOCULAR MICRO VIEWER





wireless camera systems and monitors to ensure that your tactical team has the equipment needed for every operation. This kit allows you to wirelessly inspect areas at a safe distance and gain reconnaissance for tactical

tactical inspection kit POPULATION LIST

VFS3: VIDEO FIBERSCOPE

UNDER DOOR CAMERA

HANDHELD INSPECTION TOOL

LONG POLE SEARCH SYSTEM

WRIST MOUNTED MONITOR

HANDHELD MONITOR

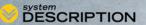












Mounted directly to the back of a dog, the K-9MC4 camera system is designed to transmit real-time video back to the handler. An internal DVR records audio and video directly to an SD card for post operation review and archiving. The K-9MC4 also features a light sensitive camera and high output IR illuminator to provide enhanced vision in low light environments.

Weight: 2.0 lbs

Dimensions (L x W x H): 8.1in x 4.1in x 7.2in Power Supply: Eight 3V Lithium batteries (CR123A type) Housing Material: High-density polyethylene, anodized aluminum Mounting: Back of canine with K-9 Load Bearing Harness







four channel system 4 \$ 4

WIRELESS VIDEO:



The K-9MC4 black and white camera head has 420 lines of resolution with a 0.0003 lux low light performance CCD. An IR flood illuminator housed below the camera lens provides enhanced visibility in low ambient light environments. The camera also features: Automatic Gain Control (AGC) and Automatic Backlight Compensation (BLC).

FEATURES

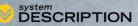
- Wireless video transmission
- IR LED flood illuminator
- Light sensitive camera
- 0.0003 lux CCD
- 420 lines of resolution
- SD card recording
- Post operation review
- 16 hrs video recording capacity
- Resilient construction

operate WIRELESS









The K-9 Chest Mounted Camera is mounted to the collar of the dog to provide a ground level point of view. The system transmits real-time video to a wrist or handheld monitor, allowing the handler to wirelessly view what the K-9 detects. The resilient construction of this compact system makes it a great addition to bomb detection K-9 teams. The SD video recording feature also provides the advantage of reviewing and archiving post operational video.

Weight: 1.0 lbs

Dimensions (L x W x H): 3.20in x 1.68in x 2.05in Power Supply: Four 3V Lithium batteries (CR123A type) Housing Material: High-density polyethylene, anodized aluminum Illumination: Forward facing IR LED flood illuminator Mounting: Chest of canine with provided harness







four channel system 4 344

WIRELESS VIDEO:



The K-9CMC1 incorporates an internal mini DVR. The system is capable of recording up to 4 continuous hours of live operations and training scenarios directly to a high capacity SD card. This optional feature is specifically designed for review and archiving of post operational video.

FEATURES

- Live wireless transmission
- IR LED flood illuminator
- Collar mounted camera system
- Light sensitive camera
- Adjustable angle camera head
- 420 lines of resolution
- SD card video recording
- Post operation review
- 4+ hours continuous recording

WIRELESS









DESCRIPTION:

Designed for use by canine handlers that work their dogs off leash. The K-9GS3, with proper training, provides off leash control of a canine allowing for effective control of the canine from a distance. The handler unit remote communicates with the canine mounted system to control six tonal commands ("twelve", "three", "six" and "nine" as well as "Work" and "Reward") and two vibration commands. An optional canine vest outfitted with all necessary

KIT CONTENTS:

- ONE: K-9 VEST (OPTIONAL)



mounting points for the guidance system and vibration nodes is also available.





- ONE: RECEIVER UNIT
- TWO: VIBRATING NODES
- ONE: 1.0 INCH HIFLEX COLLAR











DESCRIPTION

The Video Fiberscope introduces three new features: video recording, snapshot image capture, and a brightness controlled internal light source. The 8mm diameter probe articulates up to 160 degrees in four directions, supplying operators with covert visual access to rooms, vehicles, and packages. Combining an internal light source with a low light B/W camera, the VFS3 provides vision in low ambient light environments. Real-time wireless video may be viewed on our Wireless Monitors.

Weight: 1.26 lbs

Dimensions (L x W x H): 20.0in x 2.62in x 3.27in Power Supply: Four 3V Lithium batteries (CR123A type) Housing Material: High-density polyethylene, anodized aluminum Hard-wired Video Output: 1/4 inch stereo jack





four channel system 4 344

WIRELESS VIDEO:



The probe of the VFS3 articulates in four directions up to 160 degrees. The probe is 8mm in diameter with the camera housed in the distal tip. The fiberscope uses a high quality 0.005 lux black and white camera giving it higher resolution and more light sensitivity than any other on the market.

FEATURES

- Wireless video transmission
- SD card video recording
- Snapshot still image capture
- Light sensitive B/W camera
- 8mm diameter camera probe
- 160° articulating probe
- Internal light supplement
- 5 hours of runtime
- Optional hard-wire operation

WIRELESS





VFS3-WC

VIDEO FIBERSCOPE WITH WORKING CHANNELS





The Video Fiberscope with Working Channels combines the use of three EOD specific tools with the Video Fiberscope. A tripod grasper tool, alligator grasper tool, or wire cutter tool can be inserted and controlled from the base of the unit's flexible neck. The tools exit the distal end of the probe for in-package manipulation while the camera simultaneously captures all activity. Utilizing these three tools with a camera allows EOD operators to gain visual access into a package while manipulating the content from one entry hole.

Weight: 1.30 lbs

Dimensions (L x W x H): 19.20in x 2.62in x 3.27in Power Supply: Four 3V Lithium batteries (CR123A type) Housing Material: High-density polyethylene, anodized aluminum Hard-wired Video Output: 1/4 inch stereo jack







four channel system simultaneous operation 4 + 4

WIRELESS VIDEO:

O WORKING CHANNELS

The working channel tools allow EOD technicians to identify vulnerabilities and solve them out of one initial drill hole, reducing "time-on-target" and increasing the operator's precision. The tools also minimize vibration, light introduction, and overall disruption of the target.

FEATURES

- Multiple working channel tools
- Wireless video transmission
- Low-light B/W camera
- SD card video recording
- Snapshot still image capture Internal light supplement
- 5 hours of runtime
- Resilient construction
- Optional hard-wire operation

wireless







FS1 NET / FS2 NET OPTIC FIBERSCOPES

utilizing a 6mm, two-way, 120 degree articulating probe for inspection of enclosed objects. The non-conductive tip makes the unit suitable for inspection of volatile liquids. The FS NET Optic Fiberscope can be ordered in 1 or 2 meter lengths.

OPTIC FIBERSCOPE SHEATH:

The flexible portion of the fiberscope is covered with flexible plastic tubing for water resistance and stainless steal sheathing for strength.



♥ FS1NET

Working probe 6mm (diameter) x 1 meter Length - 3.30 ft 2 way 120° articulation Probe shrouded in Tungsten braid

Non-electric tip makes the FS1 NET suitable for inspection of volatile liquids

Light guidable adapter accommodates light source



Ø FS2 NET

Working probe 6mm (diameter) x 2 meter Length - 6.60 ft 2 way 120° articulation Probe shrouded in Tungsten braid

Non-electric tip makes the FS2 NET suitable for inspection of volatile liquids

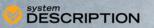
Light guidable adapter accommodates light source











The Tactical Electronics WMM Wrist Mounted Monitor provides the operator with a high resolution 3.5 inch screen mounted to the arm for hands free operation. The WMM displays real-time transmitted video from up to four separate Tactical Electronics camera systems.

Display Screen: 3.5 inch Color LCD

Weight: 0.66 lbs

Dimensions (L x W x H): 4.3in x 3.6in x 1.7in

Power Supply: Two 3V Lithium batteries (CR123A type)

Runtime: 3.0 hours

Operating Temperature Range: -10°C to +50°C, 95% humidity

Frequency Range: 2.4 to 2.485 Ghz

Channel System: Internal wireless 4 channel system

Mounting: Velcro wrist strap







four channel system 4 344 WIRELESS VIDEO:

WIRELESS MONITORS: FULLY COMPATIBLE WITH TACTICAL ELECTRONICS CAMERA SYSTEMS E



The WMM monitoring option displays transmitted video from all Tactical Electronics wireless camera systems. The four channel wireless receiver system is housed inside of the unit, making it a light weight hands-free monitor.



- 3.5 inch high resolution LCD screen
- Mounts directly to the wrist
- Hands-free video viewing
- Four channel reception
- Run time: 3.0 hours
- Receives transmitted video













The wireless Handheld Monitor from Tactical Electronics displays real-time video from up to four Tactical Electronics camera systems. The high resolution color LCD is 5.7 inches and self-orients when the monitor is flipped upside down. The monitor also includes 3 brightness levels and weighs only 1.4 pounds.

Display Screen: 5.7 inch Color LCD (self-orienting)

Weight: 1.4 lbs

Dimensions (D x W x H): 1.375in x 6.25in x 5.625in Power supply: Four 3V Lithium batteries (CR123A type)

Video Output: NTSC, RCA jack

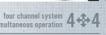
Runtime: 4.0 hours (on medium brightness level)

Frequency Range: 2.4 to 2.485 Ghz

Channel System: Internal wireless 4 channel system







WIRELESS VIDEO:

WIRELESS MONITORS: FULLY COMPATIBLE WITH TACTICAL ELECTRONICS CAMERA SYSTEMS \$

+ INTERNAL RECEIVER

The Handheld Monitor has a built-in receiver. and when powered ON automatically receives RF video from any camera system in operation. The HHM is wireless with the option of also being hard-wired.

FEATURES

- 5.7in high resolution color LCD
- Self-orienting screen
- Can operate with AC or DC power
- Receives transmitted video
- Four channel video reception
- Hard-wire video input option







HHM PRO / WMM PRO |-





Designed exclusively for multiple view camera systems, the PRO Monitors allow wireless toggling between the camera angles of the UDC Pro and UDC 360. Pro Monitors are available in a Handheld and Wrist Mounted version, and operate interchangeably with all of our Camera Systems. The Handheld Pro Monitor features a 5.7in high-res LCD display and can be hard wired to the UDC Pro or UDC 360. The Wrist Mounted Pro Monitor features a 3.5in high-res LCD display and mounts to the wrist for hands-free viewing.

HHM PRO = Weight: 1.4 lbs Dimensions (D x W x H): 1.375in x 6.25in x 5.625in

WMM PRO = Weight: 0.66 lbs

Dimensions (L x W x H): 4.3in x 3.6in x 1.7in







WIRELESS VIDEO:



All Tactical Electronics cameras and monitoring options have been specifically designed to operate interchangeably. If multiple Tactical Electronics camera systems are in operation, the monitors will view video from four separate camera systems. With the push of a button the PRO Monitors wirelessly control the IR lighting, as well as, toggle camera views on the Under Door Camera Pro and Under Door Camera 360.



- Wireless toggle of camera views
- Wireless video reception

PANEL: PRODUCT VIEW

- Four channel video reception
- HHM PRO = 5.7in LCD screen
- HHM PRO = RCA jack for video out HHM PRO = AC or DC power option
- WMM PRO = 3.5in LCD screen
- WMM PRO = Mounts to wrist





MONOCULAR MICRO VIEWER

The Monocular Micro Viewer (MMV) is a single eyepiece LCD monitor that can be attached to a lanyard and hung around the neck. The MMV displays real-time wireless video transmitted directly from up to four Tactical Electronics camera systems. The MMV provides operators with superior viewing capabilities in direct sunlight.

Display Screen: 7.7mm monochrome LCD

Weight: 5.0 oz

Dimensions (L x W x D): 5.35in x 1.70in x 2.14in Power supply: One 3V Lithium batteries (CR123A type)



HEADS-UP DISPLAY

The Heads-Up Display (HUD) is a binocular style monitor, providing the viewer an appearance of a 35-inch screen at a 7 foot distance. The HUD displays real-time B/W or color video transmitted directly from up to four Tactical Electronics camera systems. The monitor also provides operators with superior viewing capabilities in direct sunlight.

Binocular eyepiece LCD viewer Four channel reception Receives transmitted video

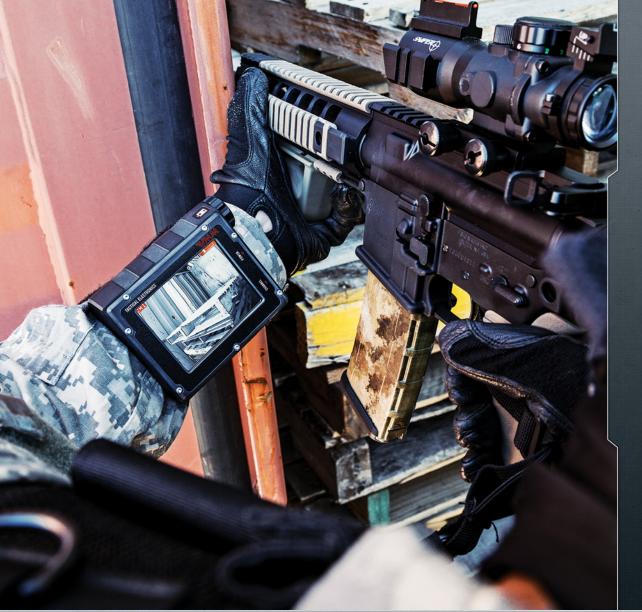


VEHICLE RECEIVER

The Tactical Electronics VHR1 Vehicle Receiver is an all-in-one, monitoring command post. The highly portable VHR1 enables operators to monitor all Tactical Electronics wireless camera systems from a central position.

Weight: 15.8 lbs

Dimensions (L x W x H): 16in x 12in x 7in Power Supply: 12V vehicle power adapter Runtime: Powered by vehicle battery





The Video Signal Repeater is designed to lengthen the video transmission of Tactical Electronics camera systems to over one kilometer (LOS). The VSR3 system receives RF signals from Tactical Electronics camera systems, strengthens the video signals, and retransmits the signal to an observation point or command post. By enhancing and intensifying an RF video signal operators increase transmission distance while also allowing transmission around RF obstacles.



SPECIFICATIONS:

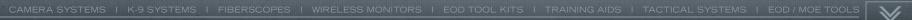
Power supply: Two DeWalt 18V Batteries (DC9180), 12V Power Port

Runtime: 4 Hours

Operating Temperature Range: -10°C to +50°C, 95% humidity Frequency Range: 902 – 928 MHz, 2.4 – 2.485 GHz Transmission Distance (2.4 GHz): 100ft (line of sight)

Transmission Distance (900 MHz): 3,280ft (line of sight)

Video Output Port: BNC Video Output Format: NTSC Video encryption: 256-bit AES









EOD TOOL KITS

Tactical Electronics Explosive Ordnance Disposal (EOD) Tool Kits are developed by EOD and Bomb diagnostics, defeat analog intrusion systems, and render safe suspected Improvised Explosive Devices (IEDs). Our team has carefully organized each component into custom nylon cases to ensure every EOD kit is compact, lightweight, and highly accessible.

EOD TOOL KIT OPTIONS:

- 1ST LINE TOOL KIT
- IMMEDIATE ACTION POUCH
- RIP KIT: REMOTE IN-EXTREMIS PULL LINE
- RIP REFILL KIT
- MANUAL ACCESS KIT
- BIT KIT
- DET DIAGNOSTIC KIT
- SPECIAL ACCESS KIT
- 2ND LINE TOOL KIT

KIT CONTENTS:

VISIT TACTICALELECTRONICS.COM TO VIEW COMPLETE POPULATION LISTS.







odescription 1ST LINE TOOL KIT

The 1st Line Kit is designed to provide EOD Operators and Bomb Technicians with a versatile, lightweight kit that builds upon the capabilities of the Immediate Action Pouch without unnecessary or wasteful redundancy. The compact design allows for the kit to be carried in a cargo pocket or stored in a small assault pack compartment. This kit is ideal for missions where the user has limited cargo or carry space such as dismounted operations, where the operator must take weight or dimensions into consideration. The Immediate Action Pouch (IAP) is included with the 1st Line Kit.

- Included in the 2nd Line Kit
- Lightweight customized nylon pouch
- Ideal for dismounted operations





IMMEDIATE ACTION POUCH

The Immediate Action Pouch (IAP) provides EOD Operators and Bomb Technicians with the capability to take immediate action from a small, lightweight, highly accessible platform. The IAP is designed to be attached to the user's body armor or other tactical equipment via MOLLE for increased accessibility.

The Immediate Action Pouch is included in both the 1st Line and 2nd Line Kits, but may be purchased separately.

- Included in the 2nd Line Kit
- Lightweight customized nylon pouch
- Attach to body armor or other tactical equipment via Molle











REMOTE IN-EXTREMIS PULL LINE KIT

The Tactical Electronics Remote In-extremis Pull Line Kit (RIP Kit) offers EOD operators and Bomb Technicians a lightweight, easy to deploy, hook-and-line system. The RIP Kit includes interchangeable vise grabber, cutter, blue V-lite, weighted throw bag, and collapsible hook with 100 feet of 7/64 Amsteel line. The compact pouch is easily attached to vest or packs with MOLLE.

- Included in the 2nd Line Kit
- Lightweight, easy to deploy
- Custom nylon pouch
- Attach to vest or packs with Molle
- Folding Hook for pull line
- Feeds from top of pouch to keep line free of tangles





Replenish your RIP Kit when needed with the RIP Refill Kit. The Refill Kit includes a Rip Hook, 2 Petzl Carabineers, 2 Gerber EZ Zip, 100' RIP Cord, Weighted Throw Bag, and 2 Vise Grips. All refill components are organized into individual mesh pockets.

• Complete refill components for the RIP Kit





description MANUAL ACCESS KIT

The Manual Access Kit (MAK) is designed to enhance EOD and Bomb Technicians' capabilities to render safe suspect devices. Used either as a standalone kit or as part of a tailored ensemble with Tactical Electronics other kits, the MAK is outfitted with the tools necessary to stabilize and access devices in order to perform render safe procedures. The kit includes Tactical Electronics 6 foot trip wire probe. This sensitive and easy to deploy probe provides the operator immediate response when encountering a trip wire during slow methodical or dynamic searches. Additionally, the kit includes the Tactical Electronics black out cloth; this lightweight cloth is designed to reduce light influence on suspect devices or contain light when light discipline is required. Bit Kit is included with the MAK.

. Included in the 2nd Line Kit







Compact modular design
Customized tool compartments
Essential operator selected tools
Durable lightweight material







The Bit Kit is included with the Manual Access Kit or may be purchased separately. This kit includes all bits needed to manually enter suspected

devices. Each drill bit is organized into individual compartments inside a custom nylon case.

BIT KIT

- Included in the 2nd Line Kit
- Provides an assortment of bits needed for a variety of EOD tasks.
- Lightweight customized nylon pouch
- Easily stored in cargo pocket
- Dimensions (L x W x H): 6in x 4in x 2in





Essential operator selected tools
Durable lightweight material

KITS





DET DIAGNOSTIC KIT / SPECIAL ACCESS KIT





DET DIAGNOSTIC KIT

The DET Diagnostic Kit (DDK) is designed to provide EOD and Bomb Technicians with the ability to safely perform electronics diagnostics. This kit comes with all the tools required to perform detonator or switch diagnostics; additionally, this kit provides the operator with the necessary equipment to perform diagnostics on analog intrusion detection systems. The DDK includes the Wire Attack Special Piercer Probes kit (WASPP) which is designed to make noninvasive electrical measurements of wires. Each DDK includes 6 specialized "bed of nails" piercers with volt meter leads and 6 extensions. These probes pierce the insulation of wires and contact the internal conductor at multiple points providing positive connection and ensuring the most accurate measurements.

Included in the 2nd Line Kit







Compact modular design
Customized tool compartments
Essential operator selected tools
Durable lightweight material





SPECIAL ACCESS KIT

The Special Access Kit (SAK) supplements the DET Diagnostic Kit with additional capabilities required to quickly diagnose and defeat analog intrusion detections systems. This kit provides the capability to read current & voltage on eight circuits simultaneously and successfully defeat the system via substitution. The SAK includes the Prosecutor alarm diagnostic tool, the Scorpion substitution devices, and (10) WASPP wire piercing probes.

- Quickly diagnose and defeat analog intrusion detection systems
- Read current & voltage on eight circuits simultaneously







Compact modular design
Customized tool compartments
Essential operator selected tools
Durable lightweight material











description 2ND LINE TOOL KIT

The EOD 2nd Line Tool Kit is designed to equip EOD and Bomb Technicians with all of the tools they need for render safe procedures. The complete tool kit includes the 1st Line Tool Kit, Immediate Action Pouch, Remote In-extremis Pull Line Kit, Manual Access, Bit Kit, and the DET Diagnostic Kit. All of the kits fit into the Mystery Ranch RATS Pack or the Mystery Ranch NICE Crewcab. Both Mystery Ranch packs feature the Bolstered Ventilation and Stability System.

The modular design of the 2nd Line Kit allows the operator to customize the configuration based on the scenario. The kit incorporates removable components as well as provides room for additional equipment as

2ND LINE TOOL KIT INCLUDES:

- 1ST LINE TOOL KIT
- IMMEDIATE ACTION POUCH
- RIP KIT: REMOTE IN-EXTREMIS PULL LINE
- MANUAL ACCESS KIT
- BIT KIT
- DET DIAGNOSTIC KIT

FEATURES:

- Complete kit to equip EOD and Bomb Technicians with all tools needed for render safe procedures
- Modular design: six individual nylon kits with customized tool compartments
- All kits fit into one pack with extra room for additional supplies

















Essential operator selected tools
Durable lightweight material

KITS







Tactical Electronics designs every training aid to improve and enhance the skill set of Explosive Ordnance Disposal (EOD) Operators. We custom build our training aids to mimic real world Improvised Explosive Devices (IEDs) with unmatched realism. The terrorist threat is in a constant state of evolution, rapidly adapting to counter the EOD Operator's tactics, techniques, and procedures. Our training aid design team constantly evaluates terrorist trends to develop some of the most authentic training aids available. Tactical Electronics training aids will equip the EOD Operator with the critical analytical processes and skills to counter the most effective weapon used against our forces.

- BOOBY TRAP DEVICES
- CHEMICAL / BIOLOGICAL / RADIOLOGICAL DEVICES
- IMPROVISED EXPLOSIVE DEVICE (IED) KITS
- DOMESTIC DEVICES
- HOSTAGE DEVICES
- IN THEATER DEVICES
- VEHICLE BORNE DEVICES

LOG IN:

VISIT TACTICALELECTRONICS.COM TO VIEW OUR TRAINING AIDS ONLINE



BOOBY TRAP DEVICES

Tactical Electronics booby trap training aids will test and tune an operator's ability to recognize and address concealed anti-personnel, area denial, or assassination device hazards. These training aids represent a variety of devices designed to protect clandestine operations such as drug and explosive labs, terrorist bomb building facilities, or hideouts.

EXAMPLES: Pressure Plate | RF Pressure Pad | PIR Claymore | Mousetrap Tripwire



TRAINING AIDS CHEMICAL / BIOLOGICAL / RADIOLOGICAL DEVICES

Tactical Electronics Chemical / Biological / Radiological (CBR) training aids focus on several threats unique to the CBR mission. Operators will be faced with the complexities of diagnosing electric valves, pressure vessels, actuation motors, and dispersal ports while wearing protective equipment. Our fully functional CBR training aids are designed to dynamically disperse either a liquid or powdered agent upon being triggered. These devices will test every CBR Operator's analytical and diagnostic skills beyond the challenges of a standard explosive hazard.

EXAMPLES: CO2 Driven Liquid Agent Dispersal | Job Box RDD | Heavy Safe Dispersal



TRAINING AIDS IMPROVISED EXPLOSIVE DEVICE (IED) KITS

Our IED kits are thoughtfully planned deployable IED labs, ideal for training on the go or in down time on deployments. They are organized in hard cases and include a number of theater specific (Operation Enduring Freedom, Maritime Interdiction Operations, etc.) IEDs and hazards. These kits also include rugged, high quality tools needed to maintain and rebuild the training aids and replacements for commonly consumed parts.

EXAMPLES: OEF Kit 1 Maritime Interdiction Operations device kit 1 DTMF / Suicide VBIED



TRAINING AIDS DOMESTIC DEVICES

Tactical Electronics domestic threat training aids are designed to support stateside/law enforcement training. These devices are designed using "off the shelf" technology, penalties, and packaging representative of what is readily available to the domestic terrorist. Complexity ranges from simple mechanical trigger mechanisms to sophisticated hobbyist and commercial grade electronics and sensors.

EXAMPLES: Suicide Vest | Ammo Crate Roadside | Pipe Bomb Backpack | Pressure Cooker



TRAINING AIDS HOSTAGE DEVICES

Tactical Electronics hostage devices will challenge, validate, and enhance an operator's skills in dealing with Category A situations. We deliver hostage devices ranging in complexity from the most simple "home-grown" device, to real world inspired terror attacks, to the most challenging "Hollywood" level of difficulty. These devices can be used with rescue mannequins or live role players.

EXAMPLES: FARC Collar | Hostage Briefcase | Handcuff Hostage Device | Hostage Helmet







TRAINING AIDS IN THEATER DEVICES

In theater threat training aids accurately represent hazards military operators face in current engagements. These devices are based on tactics, technology, and materials commonly used by insurgents, but designed with utmost reliability in mind for the best training value. We are committed to producing the best IED training aids to prepare our troops for deployment.

EXAMPLES: Improvised DTMF Rocket Launcher | Printer Bomb | Low Profile Suicide Vest



VEHICLE BORNE DEVICES

The Vehicle Borne IED (VBIED) is one of the most dangerous threats facing all operators in domestic and in theater operations. The capability to inflict massive amounts of damage in a difficult to detect delivery package has made this a weapon of choice for terrorists. VBIEDs represent a unique and essential training value by teaching the operator how to access the vehicle compartments in a manner least likely to cause a detonation. Our VBIED training aids are available as kits, sans vehicle, or as a complete turnkey package.

EXAMPLES: Backpack VBIED Kit | DTMF VBIED Kit | Monitored VBIED with Hostage Cuff



While some Tactical Electronics Training Aids use authentic and rudimentary electronics for realism, many others leverage our proprietary circuitry to increase training value. Our circuitry provides tonal feedback in the event the training aid is triggered and rearms automatically, allowing the exercise to continue without further interruption.

The MicroAXE® circuitry provides arming delay for ease of setup, a triggered tone if the device functions during the exercise, and will re-arm automatically so the exercise can continue uninterrupted. In the event the device is triggered, the MicroAXE® will also provide a chirp code feedback to indicate why it functioned, enhancing the operator's learning experience.

- Microcontroller architecture
- Automatic 1.5 minute safe separation
- Inputs for common triggering devices
- Output for electric match penalty

- Diagnostic feedback to enhance training experience
- Arming status countdown
- Automatic reset

MEGA AXE© CIRCUIT:

The proprietary MegaAXE© circuit is an extremely flexible control module for IED training aids. This circuit is especially beneficial when used in devices that require electric solenoid control, motorization, secondary or linked devices, and sequenced events. The MegaAXE® provides tonal chirp sequence feedback in the event that the training aid is triggered. To enhance the operator's learning experience, the chirp codes indicate what caused the training aid to function. The MegaAXE© will then rearm automatically, allowing the exercise to continue without further interruption.

- Microcontroller architecture
- Factory programmable safe separation delay
- Inputs for common triggering devices
- Output for electric match penalty

- 2 Auxiliary outputs for add-on features
- Diagnostic feedback to enhance training experience
- Arming status countdown
- Automatic reset with last zone triggered feedback

Booby Trap Devices CBR Devices IED Kits Domestic Devices Hostage Devices In Theater Devices Vehicle Borne Devices

LOG IN:

Visit tacticalelectronics.com to view our training aids online

PROPRIETARY CIRCUITRY:

MicroAXE© circuit MegaAXE© circuit







TWO SIRE KIT:

Two: SIRE Base Units

One: Wireless remote

Eight: Detachable all-terrain rubber tires One: Storm Case® with precision cut foam

FOUR SIRE KIT:

Four: SIRE Base Units

One: Wireless remote

Sixteen: Detachable all-terrain rubber tires One: Storm Case® with precision cut foam

SIRE CAMERA KIT:

One: SIRE Base Unit with wireless remote One: Camera head with internal transmitter Four: Detachable all-terrain rubber tires One: Storm Case® with precision cut foam One Monitor: WMM / HHM / HUD / MMV



PAYLOAD DELIVERY Maneuverable over rugged terrain Wireless video reconnaissance Tank Drive with zero-radius turn



RAPID DEPLOYMENT Compact / Portable / Lightweight Detachable wheels Removable camera head



REMOTE CONTROL

Wireless remote control Transmission distance of 300 ft One handed remote operation









description RAPTR

AVAILABILITY: TRL 9

The RAPTR, Remote Aerial Platform / Tactical Reconnaissance, utilizes manual and autonomous flight modes for video surveillance. Aerial video surveillance from the RAPTR provides operators with time critical information around a target area before and during an assault, enhancing overall situational awareness and ultimately preventing loss of life.

MAIN ROTOR DIAMETER: 1842MM TAIL ROTOR DIAMETER: 285MM HEIGHT X LENGTH: 19.75IN X 58IN BASIC EMPTY WEIGHT: 14.6 LBS ENGINE POWER: 7456 WATTS (10 HP) USEFUL LOAD: 15 LBS AUTOPILOT: DUAL SEMI AND FULLY AUTONOMOUS

AUTOMATED TAKEOFF / LANDING FULLY AUTONOMOUS FLIGHT ADVANCED GROUND STATION CONTROL GYRO STABILIZED PAN/TILT/ZOOM CAMERA COTS-CAMERA COMPATIBILITY LOST COMMUNICATION FAIL SAFE OPTIONS FULL MILITARY GRADE AUTOPILOT WITH GPS WAYPOINTS, 3D FLIGHT TERRAIN, MAX/MIN ALTITUDES,

DUAL MODE: GROUND STATION MODE AND/OR WIRELESS REMOTE

PERFORMANCE: UP TO 40MPH WINDS AND UP TO 12,000 FT MLS







The Gyro Stabilized Firing Platform (GSP) is optimized for use in extreme mobile environments such as: vehicles, boats, and aircraft. The high speed gyros effectively mitigate recoil while also providing precise aiming regardless of erratic movement from the mobile

OPERATES ON STANDALONE AIRCRAFT BATTERY FOR APPROXIMATELY 4.5 HOURS

UNIVERSAL MOUNTING BASE MAN PORTABLE UNIVERSAL PICATINNY MOUNT RECOIL DAMPENING SYSTEM QUICK WEAPON DETACHMENT GYRO BASE FOR BALANCING ROTARY AIRCRAFT FIXED WING WATERCRAFT LAND VEHICLES ALUMINUM 6061 STAINLESS STEEL 303 & 304









DESCRIPTION

The Grid Aim System provides EOD Operators with the capability to target individual components inside a device with extreme accuracy using standard precision tools. The Grid Aim System works in conjunction with the X-Ray Tool Kit (XTK™) software to provide a precision firing solution.

Small Grid Aim Board with affixed tungsten markers Medium Grid Aim Board with affixed tungsten markers Large Grid Aim Board with affixed tungsten markers Large Case with custom cut foam Compact Case with custom cut foam







KIT ACCESSORIES:

Medium Grid Aim Board

WEAPONS BLOCK FOR PAN DISRUPTOR (WITH RAIL MOUNTS) | SL-500 EOD GREEN BORESIGHT LASER | SOURCE LOCATOR PLATE ---



XTK software is free to bomb technicians and government agencies through ww.xraytoolkit.com. Tactical Electronics is certified to instruct the XTK software and has been licensed by Sandia National Labs to manufacture the Grid Aim system.

System CONTENTS

- Tripod: Manfrotto 055XB
- Geared Head: Manfrotto 405
- Hex Key: 3/16 Hex T-Handle
- Source Locator Plate
- Sleeve Compression Ring (front)
- Sleeve Compression Ring (rear)
- 1 inch Tungsten Ball Fiducial
- Weapons Block for PAN Disruptor
- Weapons Sleeve
- SL-500 EOD Green Boresight Laser

TRAINING

Tactical Electronics' XTK™ Operator Training Course is designed to provide the knowledge and skills necessary for operators to effectively utilize the X-Ray toolkit software to Acquire, Process, and Analyze X-Rays. Attendees will participate in classroom lecture, and practical exercises focusing on the identification of an array of internal components of a closed container.



HEAVY ACCESS KIT

The Heavy Access Kit (HAK) was designed for first responders with the need to access and stabilize containers and vehicles. The HAK is populated with powerful saws and drills that will assist in gaining access through heavier materials. The HAK is complementary to the Light



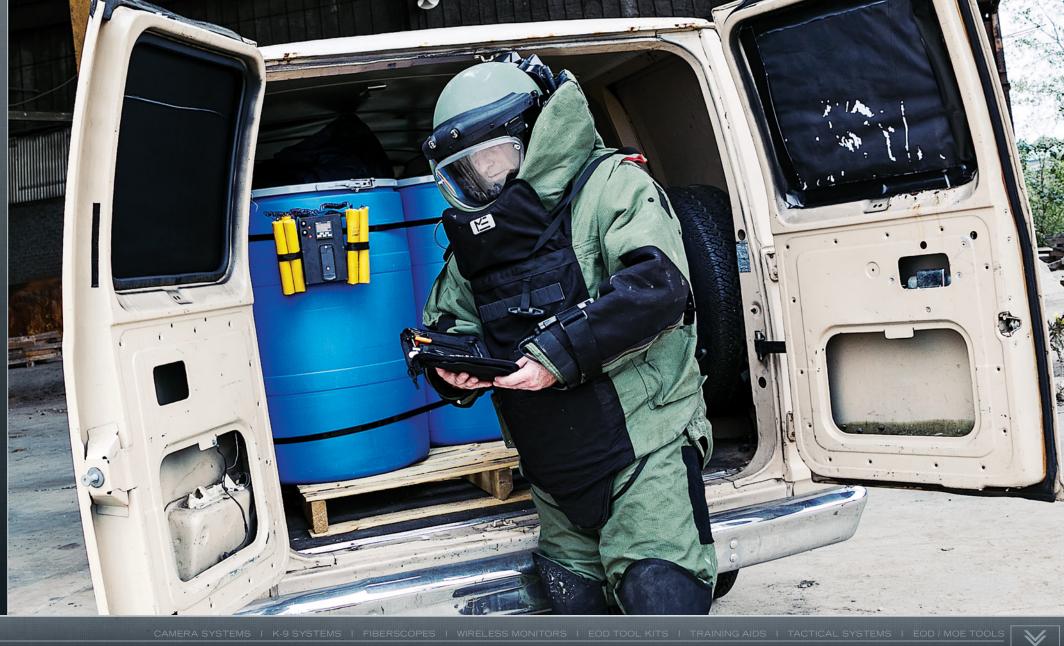
V LIGHT ACCESS KIT

The Light Access Kit (LAK) is populated with the right amount of battery operated tools and accessories designed for first responders to enhance their light access capability. These tools can be used to access various materials to include wood and thin metals. The LAK can be used in conjunction with Tactical Electronics suite of fiberscopes and inspection tools to view inside suspect containers, devices, and vehicles.



S DETONATOR ANALYSIS TOOL

The Detonator Analysis Tool (DAT) is designed to quickly diagnose detonators in IEDs and provide the EOD operator with information that will influence the render safe procedure. It is designed for conventional EOD use on low voltage firing systems. (United States National Electrical Code rating of under 600 V) The DAT analyzes the detonator leads and provides a suggestion congruent with standard Detonator Diagnostic Truth Tables.





PANEL: EOD / MOE TOOLS



ALARM BYPASS TRAINER BOX

The Tactical Electronics Alarm Bypass Trainer Box (ABT) is a portable table-top training aid for repetitive hands-on practice of alarm bypass techniques. With fully adjustable settings, the ABT can be used to sustain and improve sensor measurement, wire management and alarm sensor defeat procedures.



BLACK OUT TARP

When EOD operations require on-device light precaution, the Black Out Tarp provides the user an expedient utility to manage light exposure. The tarp features Velcro closable pockets on all corners for the addition of anchor weight such as gravel or soil.



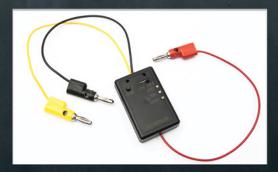
DETONATOR DIAGNOSTIC TRAINER

The Detonator Diagnostic Trainer (DDT) is a portable table-top training aid for repetitive hands-on practice of blasting cap diagnostic and defeat techniques. With fully adjustable settings, the DDT can be used to sustain and improve EOD and Bomb Squad skills on cap removal and render safe procedures.



PROSECUTOR

The Prosecutor is an active commercial alarm diagnostic tool capable of measuring voltage and current in 8 circuits simultaneously. The data generated by this device can be applied to bypass intrusion detection systems.



SCORPION

A tool employed in the defeat of analog commercial intrusion detection systems, the Scorpion will allow the operator to "trick" the system into ignoring sensor tampering caused by defeat procedures.



WIRE ATTACK SPECIAL PIERCER PROBES

The Wire Attack Special Piercer Probes kit (WASPP) is specifically designed to allow EOD operators to make non invasive electrical measurements of wires. Each WASPP includes 10 specialized "bed of nails" piercers with volt meter leads and 10 extensions. These probes pierce the insulation of wires and contact the internal conductor at multiple points providing positive connection and ensuring the most accurate measurements.

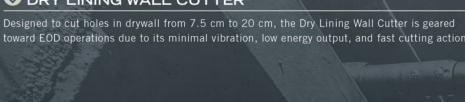




IF PANEL: EOD / MOE TOOLS

ORY LINING WALL CUTTER

toward EOD operations due to its minimal vibration, low energy output, and fast cutting action.





MOUTH HELD TORCH

Designed specifically for the covert environment, the MHT is a lightweight variable intensity flashlight that features a soft outer shell making it suitable to be held comfortably in the operator's teeth allowing both hands freed to other activity.



REED SWITCH DETECTOR

A dual mode device designed for operational use, which uses a handheld probe to determine the precise center of a magnet being used in conjunction with a reed switch commonly used in commercial intrusion detection systems.



HOLE CUTTER LARGE

For quick under-floor access, the Large Hole Cutter provides operators the ability cut an 8-inch "manhole," in chipboard and plywood materials. The unit is hand-powered with a ratchet and because of the unique shape of the cutter, cut-out wood disks can be replaced without any bracing and can be fully load bearing after replacement.



MPRESSION VIEWER

A sophisticated aid in "key impressioning" tasks during clandestine entry operations. The impression viewer incorporates three different colored internally shielded light sources with variable intensity and a magnified optic to facilitate observation of hand manipulated scribers to "cut" keys through a portal in the side of the unit.



This device allows the operator to safely slice through the outer casing of live power lines to access the inner cores for overt or covert A/C tapping operations.





HEMLOCK FACILITY

Tactical Electronics' headquarters is located in Broken Arrow, Oklahoma. Our Hemlock Facility provides complete on-site support for visiting units. The training complex is co-located with Tactical Electronics administrative, operational, research & development, and manufacturing facilities. A full service classroom capable of hosting 25+ attendees with complete audio / visual capabilities is available for briefings and lessons. Hemlock provides a conference room with video teleconference connectivity and an electronics lab for in-house Improvised Explosive Device (IED) fabrication.

Four divisions are located within the Hemlock Facility; Tactical Electronics Products, Tactical Electronics Training, Tactical Electronics Research and Development, and Tactical Electronics Aviation. The ability to house all four divisions under one roof has established Tactical Electronics as an industry leader with multiple internal capabilities.

- Prototyping
- Manufacturing
- Production
- Research & Development
- Tactical Electronics Aviation
- Training Complex (Full Service)

- Classroom: 25+ Attendees
- Practical Training Areas
- IED Fabrication Lab
- Complete Audio/Visual Capabilities
- A Full Exercise, Work-Out, & Shower Facility (On-Site)
- High-Speed Internet Connectivity
- High-Bay Facility

BARTraC is Tactical Electronics' field tactical training site, located near Tulsa, OK. This remote/ austere location allows for the conduct of small-scale, full mission profile training events in rural terrain.

- Enables the US DoD and Other Government Entities to Conduct Full Mission Profile Scenarios
- Highly Discrete Training Location Rural Setting on 320 Private Acres
- Range Licensing for Explosive Operations

866.541.7996 918.249.8326

918.249.8328

2200 North Hemlock Ave Broken Arrow, OK / 74012

tactical

Tactical Electronics CRUSADER FACILITY

Tactical Electronics' Training Services are managed from our Virginia Beach, Virginia office. Located just three hours from the Washington, DC metropolitan area and thirty minutes from Norfolk International Airport, our Crusader Facility offers convenience and accessibility to east coast government, military, and law enforcement organizations. Crusader, a 15,000 SF facility, provides a classroom with audio/visual capability, a conference room with video teleconference connectivity, and an electronics lab for in-house IED fabrication. Additionally, Crusader provides a 9,000 SF indoor training complex that houses an alarm-defeat practice facility, realistic scenario mock-up rooms, and student gear staging

- Training Complex
- Electronics Lab
- Alarm Defeat Practice Facility
- Staging Areas
- IED Fabrication
- Training Area: Alarm House (9000 SF)
- Training Area: Townhouses
- Training Area: Open Terrain Areas

- Conference Room: 12 Attendees
- Classroom: 20+ Attendees
- High-Speed Internet Connectivity
- A Full Exercise, Work-Out, & Shower Facility (On-Site)
- Kitchen
- High-Bay Facility
- Complete Audio/Visual Capabilities

- 2844 Crusader Circle / #100 Virginia Beach, VA / 23453

866.541.7996

757.689.0476

757.689.3769

Through our network of partner corporations, Tactical Electronics can contract for a wide array of additional training facilities to suit client requirements:

- MOUT Facilities
- Light & Heavy Demo Ranges

- Commercial & Industrial Venues





- Rural Environments
- Weapons Ranges
- Modes of Commercial Transportation





HEMLOCK

2200 NORTH HEMLOCK AVE BROKEN ARROW, OK / 74012

V: 866.541.7996 V: 918.249.8326 F: 918.249.8328

CRUSADER

2844 CRUSADER CIRCLE / #100 VIRGINIA BEACH, VA / 23453

TACTICAL ELECTRONICS.

V: 866.541.7996 V: 757.689.0476 F: 757.689.3769

TACTICAL ELECTRONICS

Tactical Electronics has been a reliable resource in providing law enforcement agencies and trend-setting military groups with the technology and training needed to excel in real-world challenges. Whether we're designing tactical camera systems and EOD equipment, teaching multiple-levels of EOD and electronics courses, providing R&D services, designing and manufacturing IED training aids, or creating Unmanned Aerial Systems, our ultimate goal is to protect those who protect us.

A highly unique characteristic of Tactical Electronics is the collaboration of four internal divisions: Tactical Electronics Products, Tactical Electronics Training, Tactical Electronics Research and Development, and Tactical Electronics Aviation. Combining our two facilities in Broken Arrow, OK and Virginia Beach, VA with our internal divisions enables us to provide our clients the leverage they need to excel in real-world challenges.

SATELLITE FACILITIES

Tactical Electronics also has satellite facilities in Chattanooga, TN and the United Kingdom. The Chattanooga office was opened in 2013 to support our northeast regional sales team. The Tactical Electronics Europe office was opened in the United Kingdom in 2014, this location continues to expand our international distribution network and sales across Europe.













