

# CALIBER® ROBOT

## OPTIONAL FEATURES

### Claw Attachment Kit (CAL-CA0)

Increase the capabilities of your CALIBER® and keep responders out of harm's way with the addition of claw accessories such as a window breaker, box cutter, and tire deflator. Specially designed fingertips make opening doors, gripping bags, and reaching into narrow spaces an easy task and use the hook and line attachments for remote retrieval of suspicious devices. *(Available for MK3 and T5)*



### Picture-In-Picture (CAL-PIP)

Enhance situational awareness by adding Quad Screen Picture-In-Picture functionality to your CALIBER® Robot. Simultaneously view any four of the CALIBER® Robot's onboard cameras including the Pan-Tilt-Zoom (PTZ) Camera, Front and Rear IR Drive Cameras, Claw Camera or Weapon Camera.

Combined with the dedicated PTZ control stick, allowing for concurrent operation of the robot and PTZ Camera, the Picture-In-Picture capabilities of the CALIBER® Robot lets you stay on task while remaining aware of your surroundings.

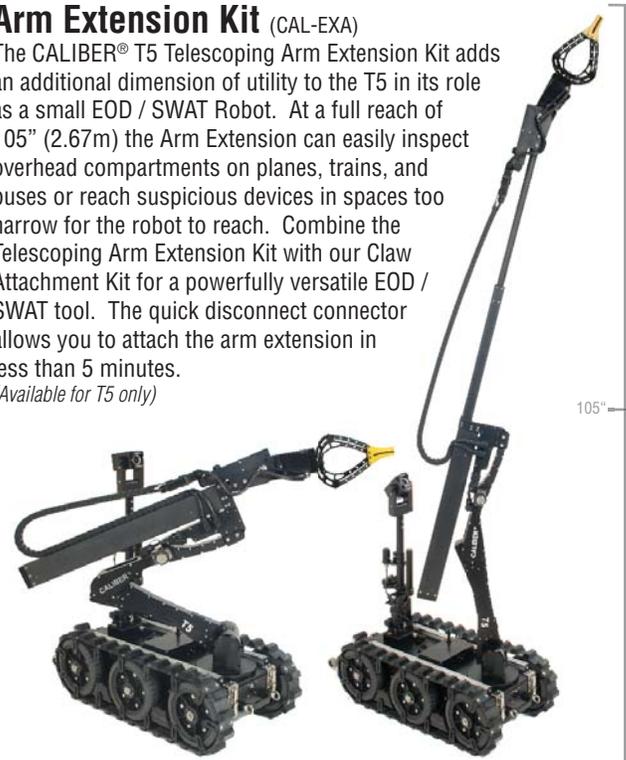
*(Available for MK3 and T5)*



### Arm Extension Kit (CAL-EXA)

The CALIBER® T5 Telescoping Arm Extension Kit adds an additional dimension of utility to the T5 in its role as a small EOD / SWAT Robot. At a full reach of 105" (2.67m) the Arm Extension can easily inspect overhead compartments on planes, trains, and buses or reach suspicious devices in spaces too narrow for the robot to reach. Combine the Telescoping Arm Extension Kit with our Claw Attachment Kit for a powerfully versatile EOD / SWAT tool. The quick disconnect connector allows you to attach the arm extension in less than 5 minutes.

*(Available for T5 only)*





### Digital COFDM Video System (CAL-DVS)

Upgrade to a true COFDM Digital System. Operating in the 1.14GHz – 1.4GHz range ensures the transmission of video images free of distortion from up to 1km away (non-line of sight); ideal for searching buildings with a mass amount of concrete and steel in heavy urban environments and airports.

*(Available for MK3 and T5)*

### External Truck Mount for RF System (CAL-TKO)

The external truck mounting bracket provides quick deployment of the data and video antennas to the outside of your command vehicle allowing for safe operation of the robot from inside your command vehicle while maximizing the RF operating range. The kit includes up to 15' (4.5m) of shielded cable and quick disconnect brackets for the Command and Control Unit (CCU) and antennas.

*(Available for MK3 and T5)*



### RF Extender (CAL-VEX)

Increase the operating RF range of you CALIBER® robot with the RF Extender. Mounted on a portable tripod, data and video antennas can be directly connected to the CCU using the 500' Hardwire Tether (included in standard robot package) ensuring distortion free RF Transmissions. The RF Extender is for use with both the analog and Digital COFDM video and data system.

*(Available for MK3 and T5)*

### Motorized Anti-Flip Bar (CAL-MAFB)

Remotely stow and deploy the motorized anti-flip bar up to shorten chassis, assists with climbing and descending stairs and turning in confined spaces

*(Available for MK3 and T5)*



### Auxilliary Pole Camera (CAL-APC)

Extend your vertical viewing capability by attaching the IR enable auxiliary pole camera into the weapons mount of the CALIBER®. The three stage telescoping pole that extends to 74" (188cm). A lockable fly wheel allows operators to adjust the angle of the IR camera remotely

### Motorized PTZ Mast (CAL-MPTZ)

Remotely increase the height of your Pan-Tilt- Zoom (PTZ) camera up to 55" (140 cm), with the motorized, three stage telescoping PTZ mast.

*(Available for MK3 and T5)*



### Portable Handheld Screen (CAL-PSA/D)

The CALIBER®'s Portable Handheld Screen is ideal for SWAT entry teams that want to see what the robot operator is viewing on the CCU screen. Available for analog or Digital COFDM RF System

### Digital Video Recorder (CAL-DVR)

Digital Video Recorder (DVR) hardwired into CCU case. Allows operator to record video and audio. Up to 120GB HDD & SD Card memory storage with USB 2.0 PC interface – MPEG-4, JPEG capable. An integrated 3.5" (8.8cm) color LCD screen with time stamp format and frame counter allows for easy playback of video.

*(Available for MK3, T5, and Mini)*



### **Ideal Products PAN Disrupter™ Unit** (K100)

12 gauge, shock tube initiated disrupters. Recoil Reducer Kit is required to fire PAN disrupters from the CALIBER® Robot (Available for MK3 and T5)



### **Ideal Products Recoil Reducer Kit** (K1000)

Recoil reducer is required to fire PAN disrupters from the CALIBER® Robot (Available for MK3 and T5)

### **Duke Pro Shock Tube Initiator**

Required for initiating the PAN disrupter or Bottle Charges. Includes attachment mounts for CALIBER® Robot (2-Channel initiator available for MK3 and T5 - p/n: ESI/RM2; 1-Channel initiator available for Mini - p/n: USTI-ECO)



### **Neutrex Ram Mount** (CAL-NRM)

Interchangeable Weapons Turret to hold RAM & one 20mm Neutrex (includes RAM, disrupter is not included) (Available for MK3 and T5)

### **Dual Neutrex Ram Mount** (CAL-DRM)

Weapons turret head with integrated actuators to reduce recoil. Holds two standard 20mm Neutrex disrupters. Disrupters not included. (Available for MK3 only)



### **29mm Weapons Mount** (CAL-PSA/D)

Weapons Mount with sighting camera for the Proparms 29mm disrupter (Available for MK3 only)

### **X-Ray Mount** (CAL-XR1)

The X-Ray Mount keeps technicians clear of danger by using the CALIBER® robot to remotely deploy the XR-200 or XR-300 x-ray systems. ICOR can customize mounts for alternative x-ray systems. (Available for MK3 and T5)





T5 Battery

MK3 Battery

## Quick-change Battery Pack (CAL-EB0)

Lead-acid rechargeable battery pack for the CALIBER® MK3 or T5 Robot  
 MK3 - 13 A/h 24 VDC; T5 - 8 A/h 24 VDC *(Available for MK3 and T5)*

## 24V Battery Charger (CAL-BC0)

CALIBER® Robot Battery charger will plug into the rear battery charger port of robot or directly into port on battery. 24 VDC/110 or 220 VAC  
*(Available for MK3 and T5)*



## 12V Battery Charger (CAL-CCB)

CALIBER® Command and Control Unit battery charger. 12 VDC/110 or 220 VAC  
*(Available for MK3 and T5)*

## Fiber-Optic Reel (CAL-DVS)

1000' (305m) milspec fiber-optic tether reel with auto-spooler for use as a backup to RF control of the CALIBER® robot *(Available for MK3 and T5)*



## Handheld Controller Unit (CAL-HCU)

The lightweight Handheld Controller Unit has a 9' cord that connects to the tether input of your robot, providing full motor control of the weapon arm, claw arm, drive system and LED lights. The controller uses the same variable speed joystick with "dead man" button as the standard CCU and is powered by a 9V battery.

*(Available for MK3 and T5)*

## Aluminum Ramps (CAL-AL0)

Foldable, lightweight ramps for loading and unloading CALIBER® robot into response vehicles *(Available for MK3 and T5)*



## Basic Spare Parts Kit (CAL-SP0/1)

Contains essential spare parts for the chassis, deck, tracks, wrist, arms, cameras, etc. that are needed for regular maintenance.

*(Available for MK3 and T5)*

## Hardshell Transit Cases (CAL-TRC)

A set of 2 (two) Heavy Duty Hard Shell Transit Case can be used for repeated transport of the CALIBER® robot with accessories  
*(Available for MK3 and T5)*



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