



Design and Manufacture of Video Pipeline Inspection Systems  
www.rstechserv.com

## INVESTIGATOR SECURITY CAMERA

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The **INVESTIGATOR Security Camera** is designed to provide clear video pictures in places unsafe or too small for human entry. The **INVESTIGATOR** comes with wheels to allow for ease of movement, and to support camera head to inspect hazards, contra band or structural defects under buildings and vehicles. The **INVESTIGATOR** is also well suited for use by municipal, HVAC and power and water departments in stacks, tanks, ducts, transformer vaults and most other confined spaces.

The **INVESTIGATOR** comes with a high intensity Halogen lighting system built into the camera head. The **INVESTIGATOR** camera head is attached to a lightweight aluminum, adjustable pole for viewing over or under obstructions. Optionally a robotic knuckle permits tilting of the camera for optima viewing.

The **INVESTIGATOR** Zoom feature provides the ability for close up inspections and for examination of contents or conditions. The **INVESTIGATOR** camera lamp intensity, lens focus, iris aperture, camera head rotation and swing can be remotely controlled and contains all solid state circuitry. All functions are adjustable by the operator, from the viewing station, by using the hand held controller.

In addition to the 40X Zoom (10X optical and 4X digital), distortion-free optical sapphire windows, there are a multitude of additional features previously unavailable in this market.

- Option of manual or continuous auto focus
- Option of manual or auto iris
- Freeze-frame feature
- Frame speed reduction to achieve the equivalent of .2 lux in ultra low light conditions
- White balance selection
- Back light feature

## **Camera Module Specifications**

### **Image Sensor**

¼-type IT CCD  
Pixels: 768H x 494V  
Total Pixels: 379,000  
Minimum sensor sensitivity is 0.2 lux (adjusted for reduced shutter speed)

### **Minimum Illumination**

3 lux, to produce a NTSC color video picture

### **Resolution**

460 TV Lines, Horizontal

### **Controller Power**

12 Volt System (Portable)  
Hand held controller (camera functions)  
Portable soft-side battery belt pack  
12 Volt cigarette-lighter style plug  
25' interconnect cable

## **VIDEO and DATA OPTIONS**

Observations can be viewed, recorded to or captured, on digital stills  
A text overlay for comments and inspection reports.  
Specially designed Hi-Resolution visor/glasses allowing additional persons to view all observations.  
Additional extension poles for longer lengths and deeper inspections.  
Remotely controlled robotic knuckle.



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