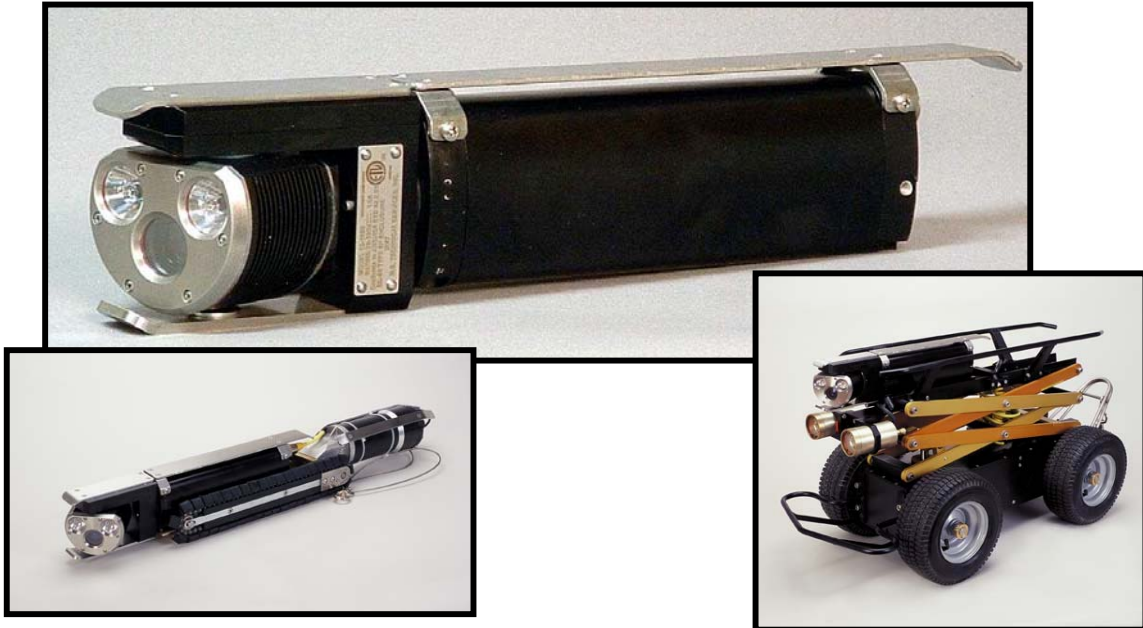


## Omni Eye III Zoom Camera



**The Omni Eye III zoom color camera, from R.S. Technical Services, is tested, approved, “Labeled and Listed” by an N.R.T.L. (Nationally Recognized Testing Laboratory) .**

**This camera is designed to operate in sanitary sewers and storm drains while mounted on tractor transporters or pull skids. The compact size of the Omni Eye III is ideal for the R. S. Technical Services crawler series transporter. It is capable of operating with up to 2,500’ of double-armored, single conductor mainline cable.**

**The Omni Eye III camera has a pan and tilt head with built-in lighting and zoom. Camera head swing and rotation, lamp intensity and zoom features are remotely controlled and adjustable from the operating viewing station or at the cable reel. The *home* function returns the camera head to the straight-ahead and centered position. The Omni Eye III Zoom incorporates high-resolution video with total zoom capabilities of 40X: 10X optical and 4X digital. Zoom features include manual or continuous auto focus, manual or continuous auto iris and adjustable shutter speed for improved low light performance. Accessories include a maintenance kit with replacement parts, a durable foam-lined storage/transportation case,**

and operation and installation manuals. Available options include PAL format and an inclinometer function.

## OMNI EYE III ZOOM CAMERA



### PERFORMANCE

Minimum Pipeline Size:	6"
Recommended Maximum Pipe Length:	2,500' (depending upon pipe condition)
CCD Sensor Sensitivity:	2-lux nominal; minimum sensitivity is 0.2 lux adjusted for reduced shutter speed
Field Of View:	70-degree diagonal
Resolution:	460 TV lines horizontal

### DESIGN INFORMATION

Camera:	color, zoom, pan and tilt head, 330-degree axle rotation, 270-degree lateral swing for a 360 degree viewing of lateral pipelines.
Power:	70-130 volts dc from controller
Circuitry	Solid-state
Lens:	10x Zoom f= 4.2 mm (f1.8 to f2.9) 4x zoom beyond the 10x optical for a total zoom capability of 40x.
CCD Image Sensor:	1/3 type IT, Total of 379,000 pixels producing 1-volt video signal after transmission through up to 2,500' of double armored single conductor cable.
Lighting:	Two long life, 20-watt field replaceable halogen lamps

### PHYSICAL INFORMATION

Diameter:	2.6" maximum
Length:	17"
Weight:	10 lbs.

Anodized aircraft aluminum housing

### COMPATIBLE/OPTIONAL EQUIPMENT

Additional lighting  
Mainline wheeled tractor transport vehicle  
Mainline crawler tractor transport vehicle  
Steerable Storm Drain Tractor  
6"- 72" mainline pull skid set



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