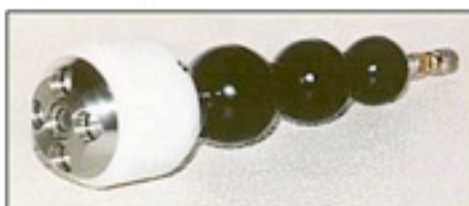


# 1306 Mini Camera



***The model 1306 color mini camera is high resolution video pipeline inspection camera designed to view laterals and mainline sewer pipes.***

***The 1306 is capable of negotiating multiple 90 deg. bends in 4" or larger lines and 3" sweeps and 90-degree bends in 3" lines. The circuit features .1 Lux high performance camera electronics. This foundation combines with the latest digital video processing and a high frequency (DWM) power supply.***

***The integrated high efficiency lighting, with four low voltage Xenon (field replaceable) lamps, is capable of illuminating line sizes up to 16" in diameter. The camera is equipped with a field replaceable tail.***

**Product Information:** Compatible cables: 150 feet to 400 feet of integrated push rod, single conductor cable on a Standard Push Cable Reel. Camera can operate on (up to) 2,000 feet of armored single conductor cable on a Mainline Cable Reel. Compatible with RST transmitter locator (Sonde). Field of View is 87.5°. Compatible Controller is the 1300 Series Controller RST Mainline Control.

**Camera Description:** Made of stainless steel with a diameter of 2.25"; length is 3.6" from camera front to camera back. The camera head is tapered to facilitate negotiation past offsets and elbows in the pipeline. The camera has an operating temperature range of 0° to 50° centigrade, and is sealed to withstand external pressures of 20 psi without leaking. Light power is supplied through a single conductor armored coaxial cable sealed into the tail of the camera body. The coaxial cable conducts power to the camera while conducting the video signal from the camera to the monitor. Lens is 4mm f/2.0; the lens assembly is recessed into the head, and is protected from the environment by a sealed distortion-free sapphire window.

**Integrated Lights:** Four 3.8V xenon lamps, with reflectors, are able to illuminate 3-inch to 16-inch pipelines. Light intensity is remotely adjustable from the controller. The camera power supply limits the power to each lamp regardless of the controller voltage setting. Camera supplied with long life bulbs. Lamps are field replaceable (P/N 841-11945). Power Consumption is 8W maximum. Illumination is 9.7 mscp (122 lumens). Color Temperature is 3000° K.

**Electronics:** Image Sensor Circuitry is solid state. Image Device is CCD 1/3" (768 H x 494 V). Total Pixels of 380,000. Resolution is 480 TV lines horizontal. Camera Operating Voltage is 70VDC to 120VDC Video with an output of 1 Volt. Available in NTSC or PAL.

***Your RST Dealer is:***

## ***Municipal Equipment Sales, Inc.***

Mailing Address: PO Box 1233  
Physical Location: 208 Bell Place  
Woodstock, GA 30188

Local: 770-928-0424  
Fax: 770-928-7512  
Nationwide Toll Free: 1-800-782-2243  
Email: [sales@municipalequipment.com](mailto:sales@municipalequipment.com)  
<http://www.municipalequipment.com>

