

Ultra Micro[®] Color / Black & White

Small Pipe Inspections



1" Color or 3/4" B&W or 5/8" Color

Miniature Cameras

Affordable

Lightweight

Ratech is pleased to offer the Ultra Micro video inspection system in color or black and white. Developed as a low cost system, the Ultra Micro[®] maintains the quality of our high end units in a small, compact, and affordable package.

The Ultra Micro[®] color camera measures only 1" Diameter by 1.6" in Length while our optimized Black & White camera measures just 3/4" Diameter by 1" in Length. Due to its small size, the Ultra Micro[®] camera is capable of inspecting pipe diameters as small as 1" (B&W) or 1.25" (color) straight runs and will negotiate multiple bends in 2" pipes and services. Lighting is accomplished by high intensity LED lights producing an excellent detailed picture.

The control unit can be a high resolution 10" color surveillance monitor with rear mounted jacks that include camera input, video in/out jacks for recording or playback and fuses for camera, lights and AC line. The monitor includes a sun shield which doubles as a screen protector when not in use. A carrying case is also available as an option.

The control unit can also be any of our quality built units such as the Elite series or Plumber's Mate.

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Specifications

Inspection Cameras

- Compact camera design - Color (1.0"D x 1.6"L) / Color (5/8"D x 1"L) / B&W (3/4"D x 1"L)
- Inspects from 1" - 4" pipes
- Power: 12vDC
- High intensity LED lighting with polycarbonate cover
- Anti-Scratch sapphire viewing lens
- Durable stainless steel housing
- Includes centering skid

Monitor/Camera Control Unit

- 10" Hi-Res industrial COLOR monitor with tilt stand
- Sun Shield
- Lights: variable intensity
- Camera test socket
- Camera input terminal
- Video I/O terminals
- Power: 110-130 VAC, 60Hz
- Size: 11.0"W x 10.0"H x 14.0"D
- Weight: 18 lbs

Push Cable

- Combination Push Rod/Video Cable, 0.33"D with low friction polypropylene overall jacket
- Water-proof, dual jacket Gel Rod™ cable
- Standard Length 100' (30 meters)

Coiler

- Overall size: 28.0"H x 9.25"W x 20.0"D
- Slip-ring: sealed, continuous contact, maintenance free
- Weight: 25 lbs (w/100' of cable) - Balance optimized
- Tough, durable powder coat paint finish

Optional Equipment

- 512Hz Transmitter
- 512Hz Receiver with depth readout (also available in Deluxe version)
- Monitor Carrying Case
- Camera and Reel only to use with most existing Ratech control units

Warranty

One year parts and labor against defects in manufacturing. System must be returned to factory for warranty repairs. Damage caused by user or carrier will not be covered under Ratech's standard warranty.



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Ratech Electronics Distributors and Warehouses are located in Canada, U.S.A., Europe and Australia.

Specifications subject to change without notice.



Ratech

ELECTRONICS

Video Pipeline Inspection Systems