

# EAGLECAM®

## Color Mini Camera Inspection System

The EagleCam® color mini camera system from UEMSI is American made and is designed as an affordable choice for looking inside ductwork, conduit, or 2" and larger pipelines. It includes a rugged, lightweight, briefcase-style power control unit with a 10.4" sunlight readable color LCD monitor, 200' of video push cable, and a CM-1 color camera head. The system works on either AC or DC.

Standard with the EagleCam system is UEMSI's proven multi-conductor, nylon-jacketed video push cable. It is the strongest in the industry enabling the user to push long runs, yet flexible to handle tight corners in small pipe. The cable also includes a water-blocking gel inside to prevent water infiltration, if it were to become damaged. Made in the USA.

### Upgrade Options:

#### **Pro Eye Self-Leveling Color Camera Head:**

The Pro Eye self-leveling camera head automatically keeps the picture upright. It is 1.67" OD x 2.375" L and has 21 white LEDs.

#### **CH-3 Color Camera Head:**

The CH-3 camera head is used for televising larger pipelines. It is 2.25" OD x 3" L and has 12 high-output LEDs.



*The EagleCam PCU is shown with the reel w/200' of video push cable and the CM-1 color camera head.*

## STANDARD FEATURES

- Rugged, lightweight, briefcase-style power control unit
- 10.4" sunlight readable color LCD monitor with snap-on clear protective cover
- Snap-on sun shield
- Variable light intensity
- Video input and output RCA connections
- 110 VAC or 12 VDC operation
- Built-in storage bag for cords, tools, etc.
- 200' of nylon-jacketed video push cable
- 4" flexible spring cable termination for easy bend negotiation
- Cable reel constructed of lightweight, heavy-duty steel tubing
- Lightweight and durable aluminum camera housing
- Video amplifier allowing operation with up to 500' of video cable
- CM-1 camera head has 15 white LEDs for superior visibility
- 4" - 6" brush skid

**UEMSI®**

PIPELINE CLEANING & INSPECTION EQUIPMENT

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# SPECIFICATIONS

## REEL ASSEMBLY

- Durable steel construction
- Maintenance-free slip ring
- Rugged wheels for easy mobility
- Fiberglass rod imbedded in video cable for rigidity
- 4" flexible spring for easy bend negotiation
- Reel dimensions: 34" H x 14" W x 30" L
- Reel weight w/ 200' of cable: 49 lbs.
- Hand brake prevents reel from turning during transport
- EZ Termination for faster field service
- Cable Quick Disconnect for easy cable replacement

## CM-1 COLOR CAMERA HEAD

- Video output: 1.0 V p-p NTSC standard, 75 ohm
- Imaging device: 2 lux solid state
- 2:1 interlace scanning
- Scan frequency: 15.734 KHz; 59.9 Hz
- 300,000 pixels
- 460 lines (h) resolution
- 100° lens, 2.5 mm, f 1.8
- Power: 12 VDC
- O-Ring sealed aluminum housing
- Equipped with 15 white LEDs
- Variable light output
- Lighthouse housing: High strength, clear polycarbonate
- Camera dimensions: 1.4" OD x 2" L
- Camera weight: 3 oz.

## POWER CONTROL UNIT

- Rugged, lightweight, easy-to-carry briefcase-style power control unit case
- Hinged lid with built-in storage compartment
- Power indicator LED
- Complete monitor and camera controls with variable light intensity
- 10.4" sunlight readable color LCD monitor with snap-on clear protective cover
- Snap-on sun shield
- Video input and output connections
- Lighthouse power supply: 0-12 VDC
- Case dimensions: 5.35" H x 14.25" W x 16.375" L
- Weight: 12 lbs.

U-Tech Environmental Manufacturing Supply, Inc. (UEMSI) manufactures and distributes products to inspect and maintain pipeline and sewer collection systems. These products if improperly used or not used for their intended purpose or used by untrained persons may cause injury or death. Caution is urged to avoid utilizing these products until you have read the product literature including directions on safe operation. U-Tech Environmental Manufacturing Supply, Inc. disclaims any liability due to improper use.

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# OPTIONS



## OPTIONS NOT PICTURED

- 250', 300', 400' and 500' Cable Lengths
- Mechanical Footage Head

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★ Specifications are subject to change. ★