

PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT



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UEMSI/HTV's new headquarters in beautiful Jackson, Wisconsin.

North America's Largest Distributor of Sewer Cleaning Hose and Proud Manufacturer of Pipeline Inspection Equipment Since 1989

About Us

Welcome to United Environmental Manufacturing Supply, Inc. / Hose and Televising, serving the industry since 1989.

In the early 1970s, pipeline maintenance and inspection systems were anything but state-of-the-art. The first pipeline inspection cameras were 8mm cameras retrofitted into a steel tube with window glass fixed onto the open end to be used as a viewing port. This showcases just how far the industry has come, with pan-and-tilt, self-lit cameras becoming the norm in the 2000s.

All-the-while, a dedicated group of individuals in Wisconsin have grown with the times, providing quality, low-maintenance parts and equipment for the changing world. The current cast of UEMSI/HTV and Televising has been in-place for nearly a decade, with three employees dating back to those early 8mm inspection systems.

In 1991, the Predator color push camera system proved to be a steady, trouble-free system. Three years later, the economical Chaser black-and-white camera push camera system was added to the lineup. Later, the initial ProCam system improved both in color imagery as well as upgraded recording methods. It was later superseded by the ProCam DVR System, which has proved to be UEMSI/HTV's best-selling camera.

Through the years, UEMSI/HTV has evolved its camera selection to provide duct inspection cameras, jetting cameras, pan-and-tilts as well as a full line of camera transports and underground location equipment.

The company didn't do it all via one product line, however. UEMSI/HTV is also North America's largest distributor of sewer cleaning hose, while also supplying the industry with lateral, leader and Tyger-Tail® hose, with leader and Tyger-Tail hoses made in-house at our Jackson, Wisconsin headquarters. UEMSI/HTV has also been able to add an impressive set of inventory to its product offering, ranging from sewer cleaning parts to vacuum and sewer cleaning truck maintenance and replacement parts.

A few of the characters have changed through the years, as has the name and location of the company, but for the time being and beyond, UEMSI/HTV can be trusted with the same quality product offering that you've come to expect for nearly three decades, supported by their knowledgeable workforce that are passionate about the products that come out of their shipping bay.

Why? We're **United** in an effort to not only best serve our clients, but get them what they need in a way that will make them come back time and time again, just like they have the last 30 years.

UEMSI/HTV

PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

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EXPRESS

WI-FI PUSH CAMERA INSPECTION SYSTEM

The Express line of UEMSI/HTV Wi-Fi push camera inspection systems were designed, manufactured and tested at our Jackson, Wisconsin facility with the plumber and inspector in-mind. We've built the Express line of systems to be a simple, easy-to-use inspection tool that does away with the briefcase PCU and instead, allows the user to transmit the imagery from the all-new, super-bright HawkEye self-leveling camera head through the Express Wi-Fi box, and then onto their smart phone or tablet for still photos and videos. Just think of it as an upgrade for your cell phone camera.

That is one less thing you have to bring to a job site, and thus one less thing that could leave you down in the field. We kept it simple that way, though it can be argued that the Express Wi-Fi Push Camera Inspection System is our most advanced inspection camera to-date in our 30-year history. It has taken over 18 months to perfect the Express, but we think you'll be more than pleased with the quality and simplistic nature.

With that said, the Express is backed with the knowledge gained from every other UEMSI system that came before it. Its rolling chassis consists of a steel, powder-coated frame housing 200' of our UEMSI custom gel push cable. The Express, like other UEMSI push cameras, comes equipped with the only field serviceable cable-to-camera termination in the industry today.



EXPRESS 200 Wi-Fi Push Camera System, shown with standard HawkEye self-leveling camera head and optional Tracker In-Line Transmitter and brush skid.

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SYSTEMS

EXPRESS 200 (75-1550-250)

- Built-in Wi-Fi transmits video to your smart phone or tablet to view, capture and record
- Standard HawkEye self-leveling camera head with 4" - 6" brush skid
- Standard Reel with wheels for regular applications (34" H x 14" W x 30" L)
- 200' Nylon jacket ultra stiff gel push cable with spring termination
- Waterproof Wi-Fi transmission box
- Operates on rechargeable lithium ion batteries, with up to 4 hours of battery life per battery (2 batteries and 1 quick charger included)



OPTIONS

- On-screen footage (75-1550-275)
- *Express 100* 100' Mini Reel for tight applications or small storage (23" H x 11" W x 18.5" L) (75-1550-150)
- Tracker II 512Hz locating receiver (75-2700-200)
- Tracker 512Hz In-line transmitter (75-2500-100)
- Brush Skids
- Roller Skids
- 250', 300', 400' and 500' cable lengths



TRACKER™ IN-LINE
TRANSMITTER WITH
HAWKEYE CAMERA HEAD



TRACKER™ II
LOCATING RECEIVER



EXPRESS 100 MINI REEL



6"-15" CENTERING SKIDS
ROLLER SKID [LEFT],
BRUSH SKID [RIGHT]



Tablet not included

EAGLEVUE™

Color Push Camera Inspection System



The EagleVue by UEMSI/HTV® is an inexpensive, easy-to-use color push camera system that is American made, and has become the industry standard for quality and durability.

Having 'backwards' compatibility, the EagleVue power control unit (PCU) will work with almost any UEMSI/HTV push reel and camera head from the past 27 years. Since it has a Pelican™ case housing and protecting the PCU, it is extremely durable. Best of all, the entire monitor and control unit assembly is water resistant, so it can be used in wet weather without concern.

The push reel comes equipped with 200' of UEMSI/HTV's proven multi-conductor, nylon-jacketed video push cable. This cable is the strongest in the industry enabling the user to push long runs, yet flexible to handle tight corners in small pipe. A water-blocking gel is included inside the cable to prevent water infiltration, if it were to become damaged.

The standard CM-1 color camera head has been time-tested, giving people many years of dependable service.

Upgrade Camera Heads:

HawkEye Self-Leveling Color Camera Head: This camera automatically keeps the picture upright, so the picture is always right side up. It is 1.90" in diameter, 2.70" long, and has 6 High Output LEDs.



Pelican™ is a trademark of Pelican Products, Inc.



EagleVue Color Push Camera System shown with optional HawkEye self-leveling camera head, mechanical footage head and In-Line transmitter.

SYSTEM

EagleVue Standard (75-1600-000)

- 200' Nylon jacket gel cable
- 10.4" sunlight readable monitor
- CM-1 color camera head
- 3" - 5" brush skid
- AC & DC operation
- Heavy duty Pelican™ case

Options

- HawkEye self leveling camera head (H Upgrade)
- Mechanical Footage Head (41-0200-001)
- Tracker II 512Hz receiver (75-2700-200)
- 512Hz In-line transmitter (75-2500-100)
- Rechargeable battery pack (94-2100-200A)
- Roller skids
- 250', 300', 400' and 500' cable lengths



Detailed specifications are available on UEMSI.com

United Environmental Manufacturing Supply, Inc. / Hose and Televising (UEMSI/HTV) 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. United Environmental Manufacturing Supply, Inc. / Hose and Televising disclaims any liability due to improper use.

U-Vue™

Color Push Camera Inspection System with USB/SD Drive

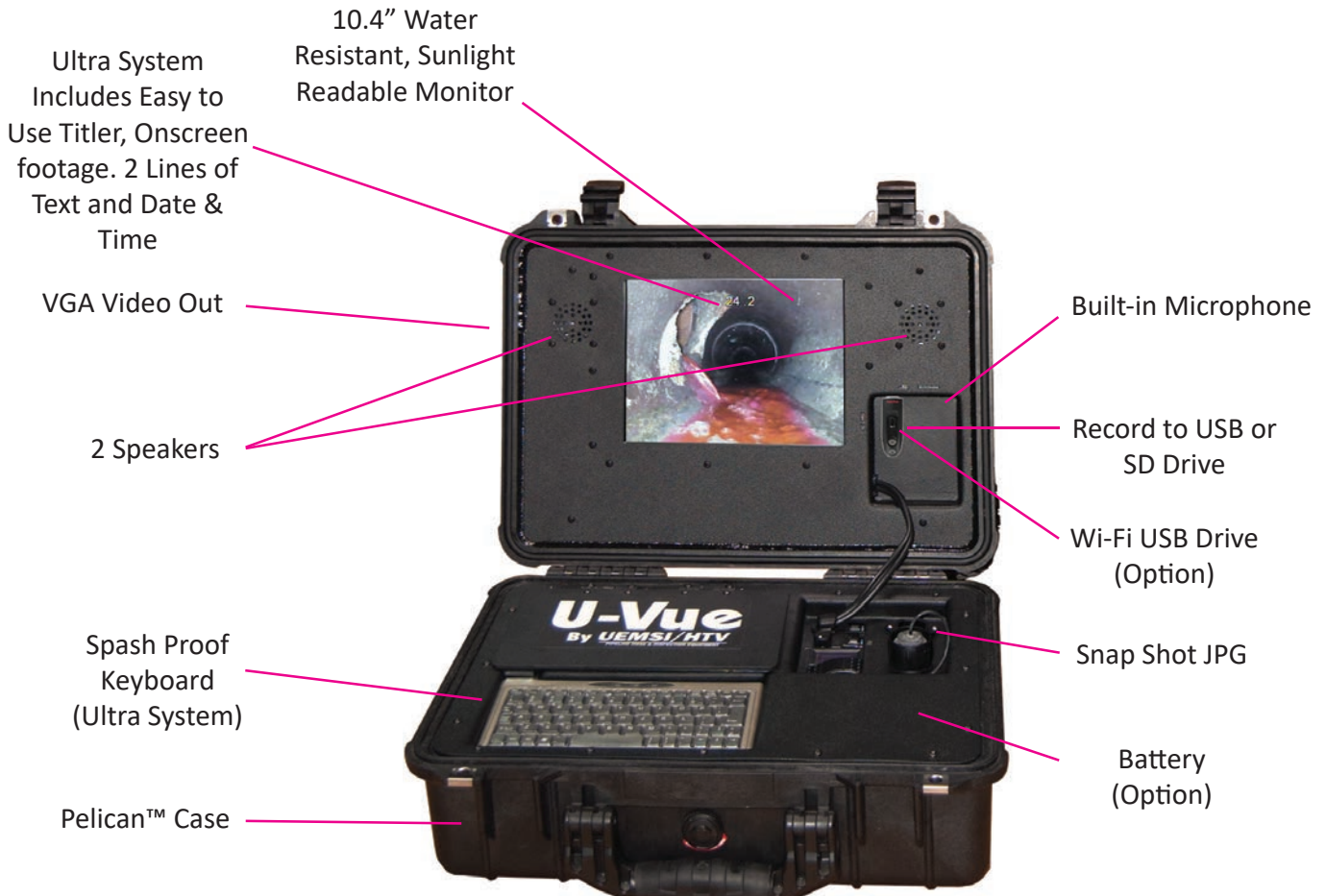


The U-Vue™ by UEMSI/HTV® is a color push camera system that revolutionizes UEMSI/HTV's already highly respected product line. It is American made, and has become the industry standard for quality and durability.

Having 'backwards' compatibility, the U-Vue power control unit (PCU) will work with almost any UEMSI/HTV push reel and camera head from the past 27 years. With features like a Pelican™ case housing the monitor and control unit, a touchscreen DVR that records to a USB thumb drive or SD card, and available Wi-Fi for transferring files to a smart phone or tablet, you will have a system like no other. Best of all, the entire monitor and control unit assembly is water resistant, so it can be used in wet weather without concern.

The push reel comes equipped with 200' of UEMSI/HTV's proven multi-conductor, nylon-jacketed video push cable. This cable is the strongest in the industry enabling the user to push long runs, yet flexible to handle tight corners in small pipe. A water-blocking gel is included inside the cable to prevent water infiltration, if it were to become damaged.

The standard CM-1 color camera head has been time-tested, giving people many years of dependable service.





U-Vue Ultra Push Camera System, shown with optional HawkEye self-leveling camera head and optional In-line transmitter.

SYSTEMS

U-Vue Standard (75-2100-000)

- 200' Nylon jacket gel cable
- 10.4" sunlight readable monitor
- DVR records to USB or SD drive
- CM-1 color camera head
- 3" - 5" brush skids
- AC & DC operation
- Built-in microphone
- Heavy duty Pelican™ case

Options

- HawkEye self leveling camera head (H Upgrade)
- Tracker II 512Hz receiver (75-2700-200)
- 512Hz In-line transmitter (75-2500-100)
- Rechargeable battery pack (94-2100-200A)
- Roller skids
- 250', 300', 400' and 500' cable lengths
- USB Wi-Fi drive (88-2100-032)

Detailed specifications are available on UEMSI.com

U-Vue Ultra (75-2100-100)

- Every feature listed on U-Vue Standard
- Easy-to-use titler providing onscreen footage, 2 lines of text, date and time
- Splash proof keyboard



EXPRESS

WI-FI PUSH CAMERA INSPECTION SYSTEM

WIFI KIT

*Make your UEMSI/HTV push camera inspection reel Wi-Fi operational.
Just add the Express Wi-Fi Kit, and leave your old PCU at home.*



Your standard UEMSI reel.



Your UEMSI Express Wi-Fi reel.

- Fits all UEMSI / HTV push camera systems
- Works with Android & Apple phones and tablets
- App allows recording of video and snapshots
- On-screen footage available
- E-mail content directly to customer
- Includes 2 batteries and 1 quick charger
- In-stock and available to ship today



Realtime video in your fingertips.



Leave your old PCU at home!

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Patent Pending

TRACKER II™

PIPE LOCATION SYSTEM

We all know how hard it is to admit when you're wrong.

When you're looking for a broken pipe underground, it can be a guessing game! Well, thanks to the UEMSI/HTV® Tracker II™ pipe location system, you do not have to guess anymore.

The UEMSI/HTV Tracker II™ is an extremely accurate and easy-to-use pipe location system. The Tracker II™ gives you the control for all of your locates with enhanced sensitivity and uncomplicated line identification.

By combining the Tracker II receiver with any of the UEMSI/HTV transmitters, you will see greater productivity with a faster, more reliable response.

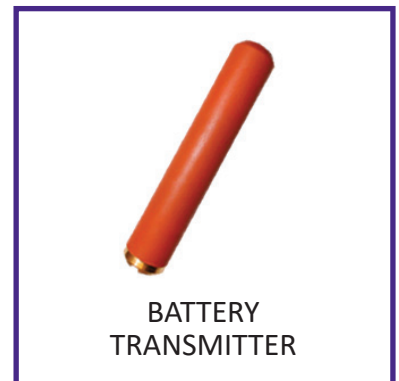
With multi-frequency capabilities, the Tracker II in the 512 Hz mode, can locate the transmitter inside cast iron, clay, PVC, concrete or transit pipe. It can also detect live power lines or cable television lines in the 50-60 Hz mode. Also, using the optional 65 KHz transmitter with conductive attachments (not shown), the user can track water and gas pipes.



Tracker II™ Receiver



TRACKER™ IN-LINE
TRANSMITTER



BATTERY
TRANSMITTER

UEMSI/HTV

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TRACKER II™

PIPE LOCATION SYSTEM

SPECIFICATIONS

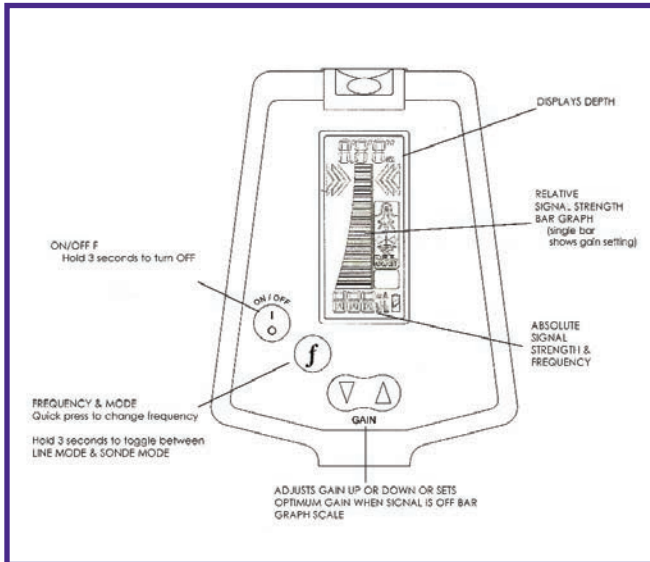


Illustration of the Tracker II's™ easy-to-use controls and indicators.

TRACKER II RECEIVER (75-2700-200)

- Improved sensor technology
- Improved accuracy and productivity
- Constant depth readout
- Operating modes / frequency: 512 Hz, 50-60 Hz and 65 KHz
- Indicators: LCD digital signal readout, graphic display, variable audible tone, depth indicator, battery status
- Receiver size: 30.3" L x 3.75" W x 9.4" H
- Receiver weight: 3 lbs.
- Receiver power: 6 C batteries
- Battery life: 40 hours continuous use
- Includes soft carrying case

TRACKER IN-LINE TRANSMITTER (75-2500-100)

The Tracker in-line transmitter is installed directly between the spring termination and the UEMSI/HTV camera head. This transmitter is powered directly from the power control unit.

- Operating frequency: 512 Hz
- Transmitting range: up to 20' in PVC, clay, concrete and transit pipe - up to 10' in cast iron pipe
- Flexibility: spring termination
- Transmitter dimensions: 1-1/2" OD x 5-3/4" L
- Transmitter power: UEMSI/HTV PCU powered*
- * No batteries required *



BATTERY TRANSMITTER (75-2500-600)

Designed to work with any 512 Hz locator system, this battery operated transmitter can easily be added to push cable, pull cable, drain cleaning machines or jetters.

- Operating frequency: 512 Hz
- Transmitting range: up to 20' in PVC, clay, concrete and transit pipe - up to 10' in cast iron pipe
- Flexibility: stainless steel braided hose
- Transmitter dimensions: 0.8" OD x 3.75" L
- Transmitter power: (1) "AAA" size battery



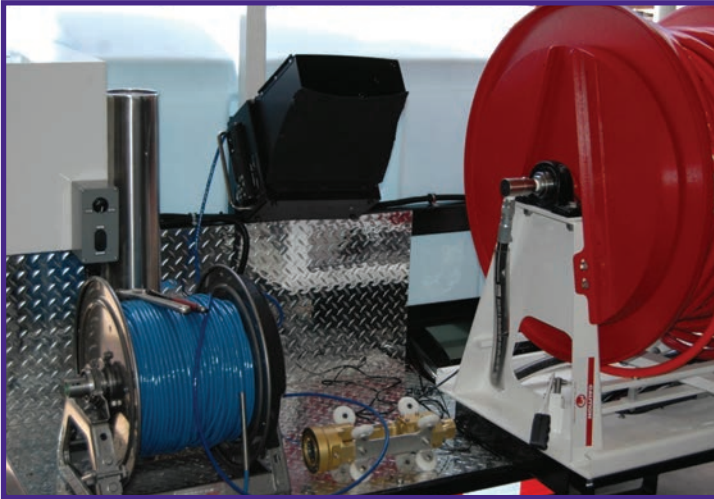
★ Specifications are subject to change. ★

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JETCAM™

Color Sewer Jetter Inspection System

The Jet Cam system from UEMSI/HTV®, is American made and is designed to work with any style sewer jetter or combination machine, whether it is a trailer mount or a truck mount unit. It enables the user to inspect the pipe while doing the cleaning, and because of this ability the user can immediately determine if the pipe needs further evaluation or repair.



UEMSI/HTV Jet Cam system as shown on a U.S. Jetting® Jet Trailer. The Jet Trailer and sun shield are not included.

SYSTEM

JetCam Standard (75-4000-200)

- 10.4" sunlight readable color LCD monitor
- Built-in DVR, which records to an SD card or USB drive
- AC/DC operation
- Variable controlled light intensity on camera and external lighthouse
- Video and audio output connections
- 40" interface cable
- 600' of flexible video cable
- Heavy-duty reel with electric rewind motor and controller
- Electrical slip ring assembly
- Nozzle assembly with camera adapter
- Pro Eye self-leveling color camera
- Auxiliary lighthouse, which supplies enough light for pipe through 27"
- 6", 8"-10", and 12" skid assemblies
- Dual Tyger-Tail cable guide assembly

Upgrade Option: (75-4000-250)

Data Display I Package: This package includes a mini-keyboard to add on-screen text, and an on-screen digital footage counter. Footage is accurately measured using a measure wheel instead of being calculated by reel revolution. This package is standard on the Jet Cam Ultra.

The Nozzle Body Assembly includes a special nozzle that houses the Pro Eye self-leveling color camera and the auxiliary lighthouse. The system has enough light to televise up to 27" pipe, because of the high powered LEDs. A variety of skid sizes are included with this system. The nozzle jets are specifically drilled for the proper GPM and PSI of the users' jetter.

JETCAM™

Color Sewer Jetter Inspection System



The Jet Cam Nozzle Body Assembly, showcasing the UEMSI/HTV Pro Eye self-leveling camera.



The Jet Cam PCU has a 10.4" sunlight readable color LCD monitor and can save data to a USB drive or SD card.



The UEMSI/HTV Jet Cam Ultra system equipment package.

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EXPLORER™

ZOOM PAN & TILT CAMERA

(75-5200-000)

There is a new breed of camera on the market...the UEMSI/HTV® Explorer™ ZOOM pan & tilt. This camera is the one to own.

The Explorer ZOOM has an extraordinary high output LED system that delivers more than enough light for large pipe. It has the same great features as its older brother the standard Explorer, such as 360° scan, programmable positions, and a gear motor speed control.

The Explorer ZOOM also has new features, such as auto focus with manual override, auto iris with manual override, and dual light modes to control the amount of light desired for viewing down the pipe versus laterals or pipe walls. Made in the USA.

STANDARD FEATURES

- 10:1 optical and 4:1 digital zoom
- Built-in 4 high output LEDs with dual light modes, which provide the right amount of light for every situation
- Auto focus with manual override
- Auto iris with manual override
- 360° continuous rotation
- 270° maximum pan angle
- One-touch 360° pipe scan, "Home" position, and 2 programmable settings
- Variable speed pan/tilt controls
- Wired hand held remote control
- Clutched motors to prevent damage to pan and tilt drives
- Waterproof housing
- Compatible with most major brands of multi-conductor televising systems
- Operates on video cable up to 1,500' long, with an upgrade option available to operate up to 4,000'



The UEMSI/HTV® Explorer™ ZOOM pan & tilt camera is shown with the hand-held wired remote control. (Trax tractor shown is not included)

SPECIFICATIONS

- Maximum head rotation: 360° continuous
- Maximum pan angle: 270°
- Imaging device: 0.1 lux solid state
- 380,000 pixels
- 470 (h) resolution
- O-ring sealed aluminum and stainless steel housing
- 4 high output LEDs
- Maximum shock: 70G
- Maximum vibration: 7G
- Distortion: Less than 1%
- Camera dimensions:
 - Body: 3" OD
 - Head: 4" OD
 - Total length: 16.25"

PROWLERTM Wheeled Transporter

(75-8700-000)

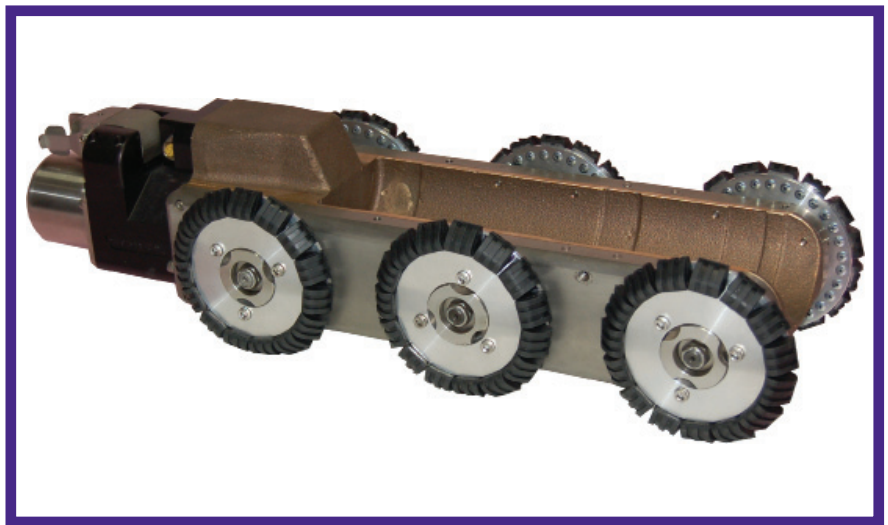
The ProwlerTM, by UEMSI/HTV[®], is an extremely durable six-wheel drive transporter. It is designed for use in 8" relined through 48" pipe with heavy debris and sand. Standard with the Prowler, are three sizes of wheels and tires for maximum traction, and a lift to center the camera in large pipe. The Prowler has a two-speed transmission, which has amazing pulling strength. It can actually double the torque of the unit with the balloon tires installed. With the Prowler's sealed internal all-wheel drive system, maintenance is very low.

The Prowler has six 4.375" diameter tires for use in 8" relined - 8" pipe, six 5.0" diameter tires for use in 10" - 15" pipe and four 10.5" diameter balloon tires for use in 18" - 48" pipe. With the four balloon tires installed, the Prowler can still utilize two smaller center drive wheels to help the transporter maneuver over large obstacles.

Standard on the Prowler, is the industry's first quick change wheel system, the Roto-LokTM. It is mainly used for 18" - 48" pipe to quickly and easily set up the Prowler for different pipe sizes. Instead of removing and installing numerous bolts, which is very time consuming, the Roto-Lok system allows the user to lock the wheel and spacer onto the hub by twisting the wheel in a clockwise direction. It is then secured with only one setscrew.



UEMSI/HTV Prowler wheeled transporter shown with balloon tires. UEMSI/HTV ExplorerTM pan & tilt camera sold separately.



Prowler wheeled transporter shown with 4.375" diameter tires.

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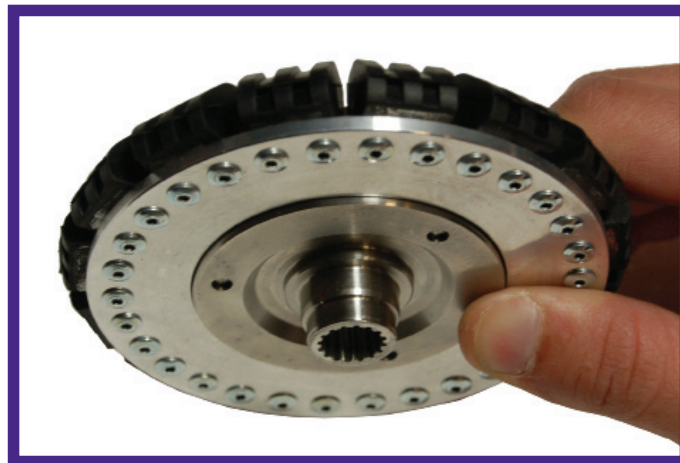
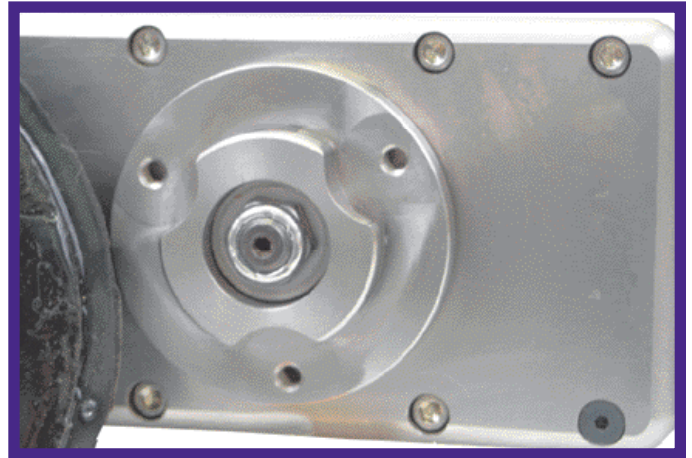
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PROWLER™ Wheeled Transporter

SPECIFICATIONS

- Six-wheel drive
- Dual speed forward, neutral and reverse transmission
- Fully sealed transmission and drive enclosure
- Brass and stainless steel construction
- Variable speed to 65 feet per minute
- Operates in 8" relined through 48" diameter pipe
- Manual camera lift
- Operates with UEMSI and all other 3" diameter multi-conductor cameras
- Includes Roto-Lok hubs for quick and easy wheel changes



Roto-Lok, the industry's first quick change wheel system.

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TRANSPORTERS

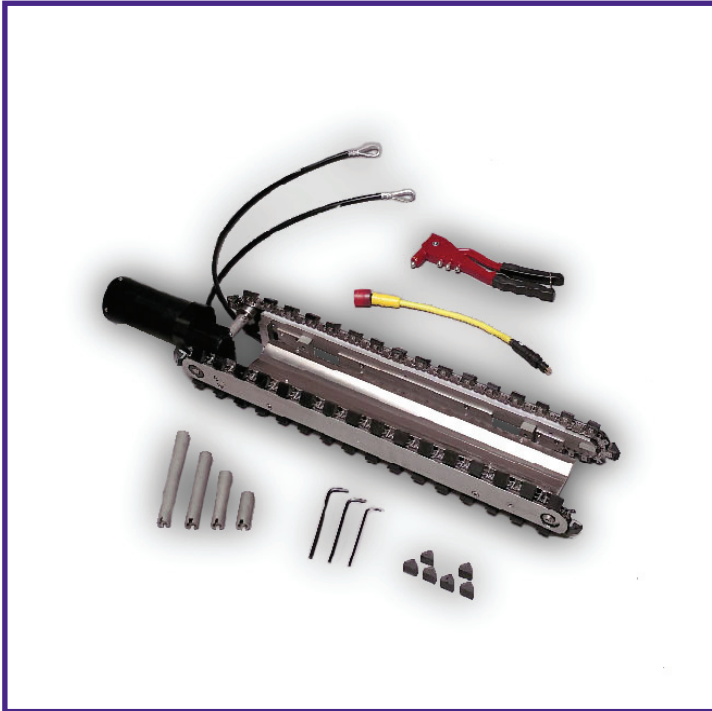


MULTI-CONDUCTOR TRANSPORTER

(75-8000-400)

The UEMSI/HTV® Trax™ is a fully adjustable tractor for use in 6" through 15" pipe* and is capable of pulling a standard mainline or pan & tilt camera up to 1200'. It operates at various speeds and runs in forward, neutral and reverse. When set in neutral, Trax can easily be pulled back through the line, causing less wear and tear to the equipment.

Depending on cable and pipe conditions, Trax can travel over 45 feet per minute. It adapts to various cameras and is compatible with most manufacturers' multi-conductor mainline systems. To keep the worker safely above ground, Trax enters through the manhole.



Trax® available in "every cleat" or "every other cleat" track configuration.

The desktop controller features a spring-loaded

directional switch, an amperage meter and a power indicator light. When Trax is used with a UEMSI/HTV PCU, the desktop controller is not needed, as a controller is built-in to the PCU. Trax also has a one-year warranty on electrical and mechanical systems.



MULTI-CONDUCTOR TRANSPORTER

(75-8500-400)

Constructed from the same rugged specifications as its full-size counterpart, Trax Jr.™ makes entering and exiting manholes easier than ever with an overall length of 25".

Trax Jr. is fully adjustable for use in 6" through 15" pipe* and is capable of driving a pan & tilt camera up to 1200'.



Actual length:
25 inches

* Optional expansion kits available for 18" through 30" pipe.

SPECIFICATIONS

TRANSPORTER

- Adjustable for 6" - 15" pipe
- Completely waterproof o-ring sealed transmission
- Forward, neutral and reverse operation
- Equipped with heavy-duty worm gear drive
- Vulcanized, double-riveted rubber tracks for extended life
- Nickel plated steel chain for long life
- Travels over 45 feet per minute depending on cable and pipe conditions
- Can pull a 3" x 22" mainline or pan & tilt camera up to 1200'
- Adaptable to various size cameras
- Can be used with most other mainline multi-conductor system manufacturers
- Optional kit for 18", 21", 24" and 30" pipe



OPTIONS

MOTOR/TRANSMISSION ASSEMBLY (31-0012-300)



In the market for a tractor with a neutral position, but refuse to invest in a new tractor?

No problem.

Installing a neutral position on your tractor provides the free-wheeling freedom needed to pull a tractor back in one easy motion, resulting in less wear and tear to the transporter.

The UEMSI/HTV Motor/Transmission Assembly is completely adaptable to fit most multi-conductor tractors on the market today.

UEMSI/HTV

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PORTABLE MAINLINE SYSTEM

The UEMSI/HTV® Predator™ Advantage Portable Mainline System is extremely versatile. It will grow with you as your company grows, as it is an investment not only for the present, but also for the future. Mainline inspections are easily conducted when the Predator Advantage power control unit (PCU) is paired with a portable mainline reel and a transporter.

The PCU comes standard with a 10.4" sunlight readable color LCD monitor, and a touchscreen DVR player/recorder that records to a USB thumb drive or an SD card. The monitor and control unit assembly are housed in a Pelican™ case for durability. The PCU has a built-in tractor controller, and can control the Explorer™ Zoom pan & tilt camera via the wired hand held remote.

The portable mainline reel is the best of both worlds, as it is light enough to be portable, and heavy enough for televising large pipe. It includes power rewind and automatic levelwind, plus comes standard with 500' of nylon-jacketed video cable.

The transporter that is needed is determined by the size and type of pipe being televised. This system can be purchased with either a Trax Jr.™ track driven transporter, for 6" – 15" pipe, or the Prowler™ wheeled transporter for, 8" – 48" pipe.

Created to do the work of many different units, the UEMSI/HTV Predator Advantage Portable Mainline System is the only system you will ever need.



Predator Advantage™ PCU with DVR Player/Recorder.

OPTIONS

- 600', 900', & 1000' Lengths of Fiber Armor Cable
- Trax Jr.™ Transporter (75-8500-400)
- Push Reel with Mini Camera Head

Pelican™ is a trademark of Pelican Products Inc.



(75-7000-100)

The Predator Advantage Portable Mainline System. Pictured with the PCU is the portable mainline reel, aluminum manhole roller, Tyger Tail® cable guide hose, Prowler™ transporter, Explorer™ Zoom pan & tilt camera with plug-in remote.

STANDARD FEATURES

- Durable Pelican™ case that houses the monitor and control unit assembly
- 10.4" sunlight readable color LCD monitor
- Built-in touchscreen DVR player/recorder that records to a USB thumb drive or an SD card, which can be given directly to the end customer after recording, and/or downloaded to your computer for storage
- Data Display III system with digital on-screen footage and keyboard
- Heavy-duty portable mainline reel with power rewind and auto levelwind with 500' of nylon-jacketed video cable
- Prowler wheeled transporter
- Explorer Zoom pan & tilt camera
- Wired hand-held remote control for camera and tractor
- Aluminum top manhole frame with nylon roller
- Tyger Tail® cable guide hose
- Heavy-duty retrieval pole assembly

UEMSI/HTV

PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

W209 N17391 Industrial Drive - Jackson, Wisconsin 53037

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POWER WINCH

The Power Winch by UEMSI/HTV is proudly made in the U.S.A. This workhorse has had multiple functions over the last 29 years, but is now primarily used in the pipe lining industry for pulling lining equipment through the pipe.

With its heavy-duty ½ HP Ridgid® motor, the Power Winch pulls the lining equipment through the pipe with ease.

The Power Winch is constructed of lightweight but heavy-duty machined cast aluminum, and has wheels for easy mobility. It also has an automatic level wind to wind up the cable evenly.

Available cable options range from 1/8" to 3/16", and galvanized or stainless steel, in 1,000'.

If you want a winch that will last the test of time, the UEMSI/HTV Power Winch is the one to buy.

Ridgid® is a registered trademark of Ridge Tool Company



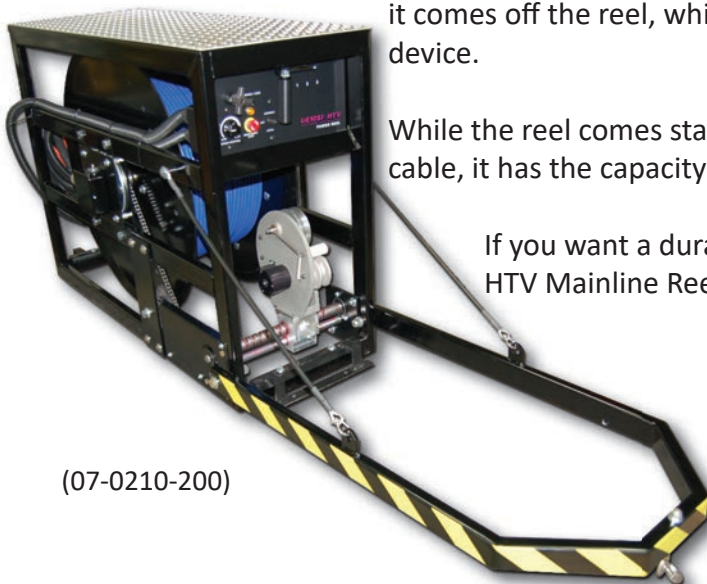
(62-0501-001)

MAINLINE REEL

The Mainline Reel by UEMSI/HTV is proudly made in the U.S.A. This reel has had a proven track record for the last 29 years as a key component in our Kit System, and an upgrade to our Predator Advantage Portable Mainline System. It can also be used on an Aries® or Cues® truck-mounted system.

With its rugged steel frame designed for fixed mounting, a variable speed ½ HP motor, and a 3-speed transmission, this reel is a real workhorse.

The Mainline Reel also has an automatic level wind to prevent cable entanglements, and to wind the video cable up evenly. Standard on the reel, is a heavy-duty footage head assembly that measures the video cable as it comes off the reel, which then digitally transfers the footage to your overlay device.



While the reel comes standard with 1,000' of 3/8" diameter nylon-jacketed video cable, it has the capacity to hold 1,500' of cable.

If you want a durable, heavy-duty reel at an economical price, the UEMSI/HTV Mainline Reel is the one you want.

(07-0210-200)

Aries® is a registered trademark of Aries Industries, Inc.
Cues® is a registered trademark of Cues, Inc.

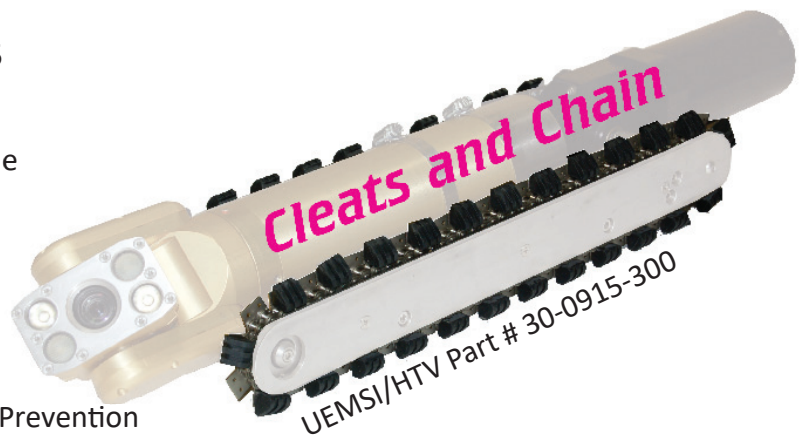
TRACTOR CLEATS AND TRACK ASSEMBLIES

UEMSI/HTV® has the most efficient tractor cleats on the market today! They are designed with softer, more durable rubber for better gripping power in all pipe, including PVC, vitrified clay and concrete. The contour along with the grooves, allow the cleats to actually mold themselves to the sidewall of the pipe for better traction. Not only are these cleats designed to work with UEMSI/HTV tractors, but also Cues®, Aries® and any other brand that uses #35 chain with double 1/8" rivet holes. So, if you need dependable, reliable cleats that will stand up to your demands, order them from UEMSI/HTV now.

UEMSI/HTV also supplies entire track assemblies, not only for our own tractors, but also for Cues®, Aries® and others that use #35 chain. We use nickel-plated steel chain for extra strength and longevity, as steel chain lasts two times longer than stainless steel chain, and the nickel-plating prevents rust. The cleats are attached with 1/8" corrosion-resistant steel rivets for high strength.

SPECIFICATIONS FOR #35 TRACTOR CLEATS

- For #35 Chain
- Double 1/8" Rivet Holes
- Soft but Durable Rubber Molded to Steel Frame
- Pipe Contoured Design
- Double Groove for Excellent Traction
- UEMSI/HTV Part # 29-9930-125



SPECIFICATIONS FOR TRACK ASSEMBLIES

- #35 Chain with Double 1/8" Rivet Holes
- Nickel-Plated Steel for High Strength and Rust Prevention
- Attached with 1/8" Corrosion Resistant Steel Rivets, UEMSI/HTV Part # 09-7125-322
- 2 Track Assemblies Required Per Tractor

UEMSI/HTV Part #	Tractor Used On	Part # of Cleats / Configuration
30-0915-010	UEMSI/HTV Trax, Cues®, and Aries®	68 / Every Cleat Pattern
30-0915-100	UEMSI/HTV Trax, Cues®, and Aries®	34 / Every Other Cleat Pattern
30-0915-250	UEMSI/HTV Trax Jr.	50 / Every Cleat Pattern
30-0915-300	UEMSI/HTV Trax Jr.	25 / Every Other Cleat Pattern
30-0915-247	Cues® Shorty	47 / Every Cleat Pattern
30-0915-238	Cues® Ultra Shorty	38 / Every Cleat Pattern
30-0915-219	Cues® Ultra Shorty	19 / Every Other Cleat Pattern
30-0915-230	Cues® Ultra Shorty III	30 / Every Cleat Pattern
30-0915-251	Aries® Taurus	51 / Every Cleat Pattern
30-0915-258	Buchen®	58 / Every Cleat Pattern

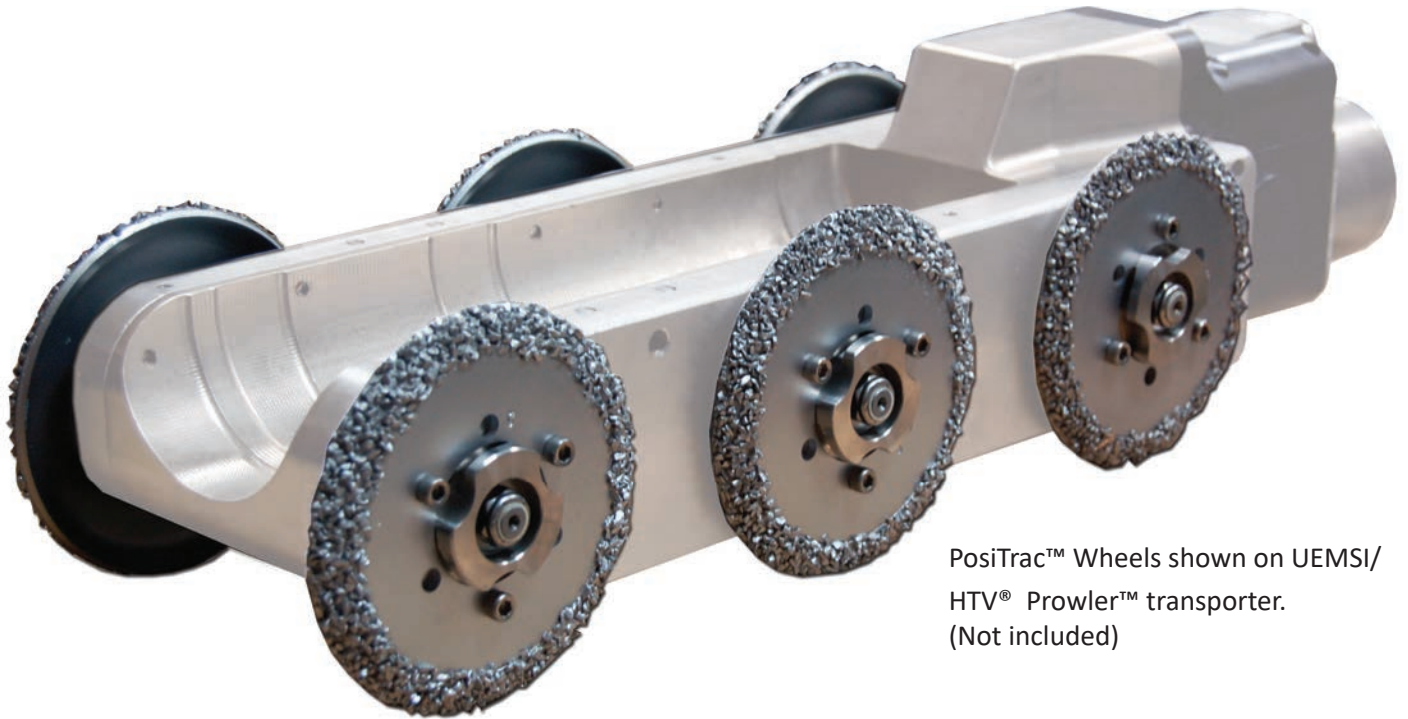
Cues® is a registered trademark of Cues, Inc.

Aries® is a registered trademark of Aries Industries Inc.

Buchen® is a registered trademark of Buchen SIS Inc.

United Environmental Manufacturing Supply, Inc. / Hose and Televising (UEMSI/HTV) 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. United Environmental Manufacturing Supply, Inc. / Hose and Televising disclaims any liability due to improper use.

PosiTrac™ Wheels



PosiTrac™ Wheels shown on UEMSI/
HTV® Prowler™ transporter.
(Not included)

Are you tired of not being able to inspect greasy or slippery pipe with your wheeled transporter, due to lack of traction? If you own a UEMSI/HTV® Prowler™ transporter, or a first generation Cues® Pipe Ranger® you are in luck, as UEMSI/HTV now offers PosiTrac™ carbide wheels that solve most traction issues. Whether you are televising PVC, clay, lined pipe, or any pipe caked with grease, the PosiTrac wheels will not let you down. PosiTrac wheels are available in two sizes – small (for 8” and 8” relined pipe), and medium (for 10” – 15” pipe).

SPECIFICATIONS

- Manufactured from steel, with oven-braised, crushed carbide for extreme durability and long life
- Fit UEMSI/HTV Prowler
- Fit first generation Cues Pipe Ranger
- Adapter for Cues Pipe Ranger II coming soon

UEMSI/HTV #	DESCRIPTION
30-8700-208	Small PosiTrac Wheel (For 8” & 8” Relined Pipe)
30-8700-210	Medium PosiTrac Wheel (For 10” – 15” Pipe)

Cues® is a trademark of Cues, Inc.
Pipe Ranger® is a trademark of Cues, Inc.

PosiTrac™ Wheels



30-8700-208 - Small PosiTrac Wheel (For 8" & 8" Relined Pipe)



30-8700-210 - Medium PosiTrac Wheel (For 10" – 15" Pipe)

UEMSI/HTV
PIPELINE HOSE, PARTS & INSPECTION EQUIPMENT

Mainline Tractor Multi-Conductor "Fiber Armor" Video Cable

If you need new Mainline Multi-Conductor Video Cable for your Aries®, Cues®, or UEMSI/HTV® system, and are tired of paying high prices, you have come to the right place. UEMSI/HTV has great video cable at an affordable price. With features like a nylon outer jacket, and a 2,400 lb. breaking strength, it's easy to see why more and more companies are switching to UEMSI/HTV for their video cable.

SPECIFICATIONS

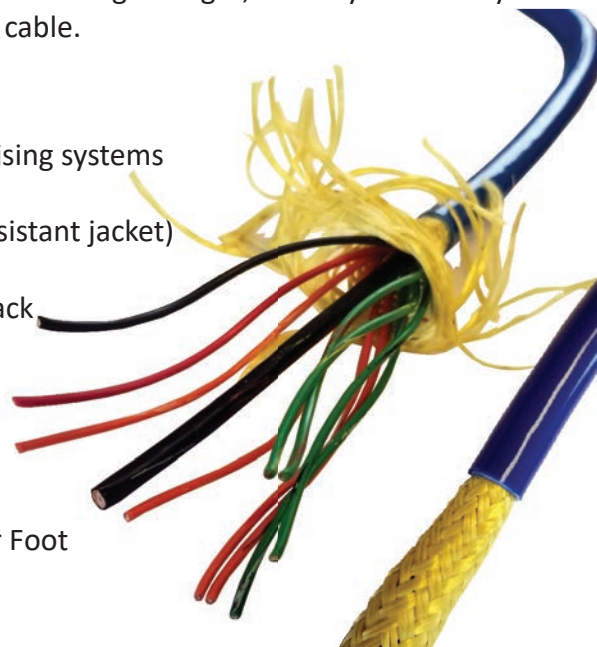
- Can be used on Aries®, Cues®, and UEMSI/HTV® mainline televising systems
- .418" Outside diameter
- Nylon outer jacket for extra durability (Nylon is the most cut-resistant jacket)
- 75 Ohm coax cable
- 10 Single wire conductors - 4 Green, 4 Orange, 1 Red, and 1 Black
- 2,400 lb. Breaking strength
- Braided Kevlar® sleeve strain relief
- Available in lengths up to 3,000'

UEMSI P/N	Description
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03-1800-100	Bulk Mainline "Fiber Armor" Video Cable, Sold per Foot
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03-1800-200	500' Mainline "Fiber Armor" Video Cable Assy.
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03-1800-300	1,000' Mainline "Fiber Armor" Video Cable Assy.
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Push Camera Multi-Conductor Video Cable

If you need new Push Camera Multi-Conductor Video Cable for your push camera system, call UEMSI/HTV®. Our cable is extremely durable and super high quality, with features like a nylon jacket, which is the most durable cable jacket you can get, and water-blocking gel inside to prevent water infiltration if the cable were to become damaged. UEMSI/HTV cable works on our own push camera systems, as well as any other brand of systems using 5 wire cable that is similar to this.

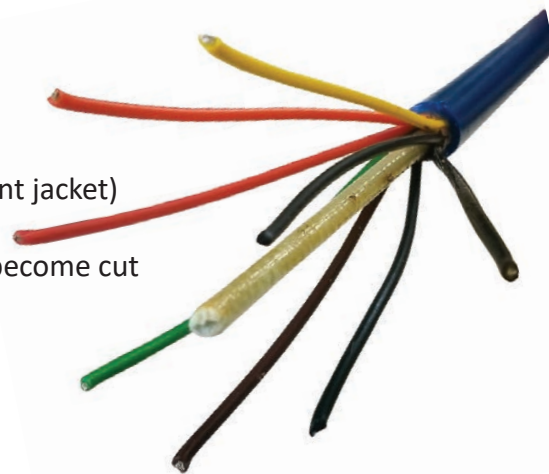
SPECIFICATIONS

- Can be used on UEMSI/HTV® and other push camera systems
- .490" Outside diameter
- Nylon outer jacket for extra durability (Nylon is the most cut-resistant jacket)
- Solid fiberglass rod, which all elements are cabled around
- Contains water-blocking gel to keep water out if the cable were to become cut
- 75 Ohm coax cable
- 5 Single wire conductors - Brown, Green, Red, Orange, and Yellow
- Available in long lengths

UEMSI P/N	Description
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03-0700-200	Bulk Push Camera Video Cable, Sold per Foot
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03-0700-200A	200' Push Camera Video Cable Assy. with 4" Spring Termination and Quick Disconnect for UEMSI/HTV System
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Universal Power Supply



(75-5400-001)

Wouldn't it be nice to be able to purchase a durable zoom pan & tilt camera for your Cues® or Aries® mainline inspection system at a great price, and have it work flawlessly?

Well now you can. UEMSI/HTV® has developed a new Universal Power Supply™ that allows you to use a UEMSI/HTV Explorer™ Zoom pan & tilt camera with your existing Cues or Aries system. The Universal Power Supply simply plugs into your current mainline power control unit (PCU), and your video cable plugs into it. This unit provides the correct voltage and current to run a UEMSI/HTV Explorer Zoom pan & tilt camera, with trouble-free operation.

Designed with flexibility in mind, the Universal Power Supply allows you to use your old Cues or Aries camera as well. The Universal Power Supply incorporates a bypass mode to allow your old camera to work off your current mainline PCU, without re-configuring the way it is hooked up.

It is that easy. As the photo shows, the Universal Power Supply isn't much to look at, but what it does do is create more money-saving avenues for your company.

If you are looking to upgrade to a new camera and don't want to be locked into the brand you currently have, check out the UEMSI/HTV Universal Power Supply, and the Explorer Zoom camera.

UEMSI/HTV

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Cues® is a trademark of Cues, Inc.
Aries® is a trademark of Aries Industries Inc.

Tyger Tail® Hose

UEMSI/HTV's Tyger-Tail® hoses are used to protect sewer cleaning hose to guide hose through rough manholes and pipe edges of the transition into the pipe. Tyger-Tail hoses are offered standard in 2"x36" and 3"x36" lengths and include a 24' poly rope with a looped end for easy grip.

This rope is attached to the Tyger-Tail hose collar to made installation and removal from manholes easier. Stays flexible in sub-zero temperatures. Tyger-Tail hose is available in 2" and 3" in lengths up to 50 feet

NOTE: special Tyger-Tail lengths are available on request.



D0-69

Includes Cuffs on Each End

Size Part # Weight

2" x 10'	D0-210	8.5 lbs
2" x 20'	D0-220	17 lbs
2" x 25'	D0-225	21.25 lbs
2" x 30'	D0-230	25.50 lbs
2" x 40'	D0-240	34.00 lbs
2" x 50'	D0-250	42.50 lbs
2" Cuff	D0-2C	0.5 lbs

3" x 10'	D0-310	16 lbs
3" x 20'	D0-320	33 lbs
3" x 25'	D0-325	40 lbs
3" x 30'	D0-330	48 lbs
3" x 40'	D0-340	64 lbs
3" x 50'	D0-350	80 lbs
3" Cuff	D0-3C	0.65 lbs

Other Sizes Available Upon Request

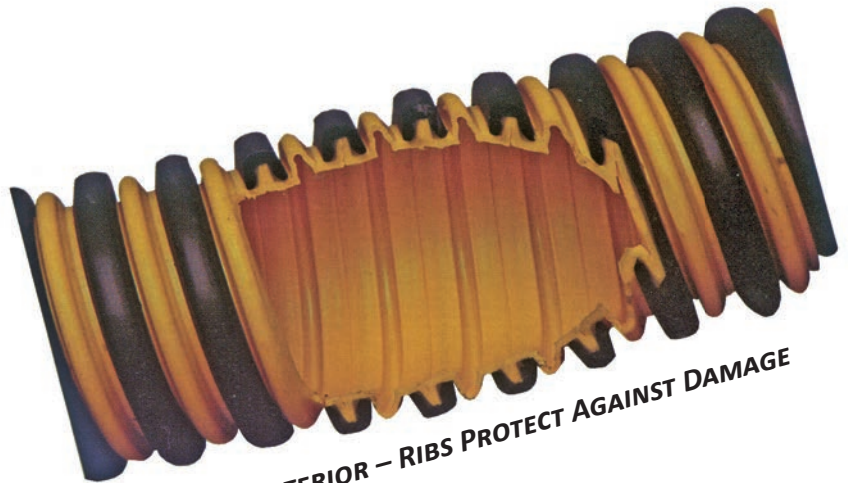
Complete Assemblies Below Include:

Cuff on Each End, Clamp & 24' Poly Rope

2" x 36"	D0-69	3 lbs
3" x 36"	D0-89	5 lbs

Extra Parts Available and Sold Separately

2" Cuff	D0-2C	0.5 lbs
3" Cuff	D0-3C	0.65 lbs
2" Clamp	D0-2A	0.25 lbs
3" Clamp	U52848	0.30 lbs
24' Poly Rope	U52850	0.50 lbs



SMOOTH INTERIOR - RIBS PROTECT AGAINST DAMAGE

Size Weight Max. Working
(Per Foot) Pressure - PSI

2"	.85 lbs	15
3"	1.60 lbs	7

Vacuum Mercury Inch - 29

Many uses for the hose are:

- *Liquid or material suction from machine to machine
- *Liquid transfer from truck to depot
- *Liquid transfer from vat to tank
- *Construction and excavation
- *Protection for sewer cleaning hose
- *Protection for televising tv cable




EXPRESS 200



The **EXPRESS** line of UEMSI/HTV Wi-Fi push camera inspection systems were designed, manufactured and tested at our Jackson, Wisconsin facility with the plumber and inspector in-mind. We've built the Express line of systems to be a simple, easy-to-use inspection tool that does away with the briefcase PCU and instead, allows the user to transmit the imagery from the all-new, super-bright HawkEye self-leveling camera head through the Express Wi-Fi box, and then onto their smart phone or tablet for still photos and videos.

Just think of it as an upgrade for your cell phone camera. See page 4 for more, or call us today!

UEMSI/HTV

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