

"The Standard of the Industry"



## Pricelist

April 13, 2009

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**Pole Mounted Camera Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	QC350-1	Lite Stick Pole Camera	\$5,399.00

**Pole Mounted Video Inspection System to include:**

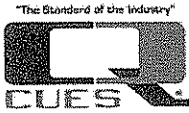
- 1 Color/IR Camera with Aluminum Anodized Camera Case
- 1 12 LED/IR (Infrared) Lightring with Auto Switching Sensor
- 1 Inspection Pole, 6½'- 18' lengths with disconnect for Camera Head
- 1 Camera Mount Assembly with Swivel Adjustment
- 2 Rechargeable Batteries
- 1 Built-in Wireless Transmitter and Battery holder
- 1 Battery Charger

**\*Note: At least one Optional Package must be selected in order for unit to be operational.**



**Pole Mounted Camera Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	QC916	Kit, Wireless Video Setup to a Mobile Digital Video Recorder	\$2,376.00
CUES	QC912	Wireless to Sony Digital Recorder with 7" LCD Screen	\$2,810.00
CUES	QC917	Digital recording Station: To include DVR recorder w/ video storage, USB port, 6.4" high resolution monitor With all interface cables	\$2,700.00
CUES	QC913	Wireless to Existing or New TV Unit	\$576.00
CUES	EC928-1	USB Video/Picture Capture to Laptop (Laptop NOT Included)	\$892.00
CUES	QC909	Inverter, 300 Watt with Adapter	\$135.00



**Pole Mounted Camera Inspection System ZOOM Capabilities  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	QZ350-1	Quick Zoom Pole Camera	\$10,211.00

**Pole mounted camera with ZOOM to include:**

- 1 Compact High Resolution Zoom Camera Assembly with 18x Optical Zoom and 4x Digital Zoom with Built-in Light Enhancement for Viewing in Ultra Low Light Conditions
- 1 Halogen Point Beam Lighting System to include (2) 20 Watt Halogen Lights
- 1 Fiberglass Extendable Telescoping Pole, 7.5' – 25' Depth
- 1 Control Unit for Lights and Camera Functions
- 1 Camera Mount Assembly with Swivel Adjustment
- 1 Video/Power Cable Assembly

**\*Note: At least one Optional Package must be selected in order for unit to be operational.**



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**Pole Mounted Camera Inspection System ZOOM Capabilities  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	QZ902	Hard Wired to Sony Digital Recorder	\$2,483.00
CUES	QZ901	Hard Wired to TV Unit	\$652.00
CUES	QZ903	Wireless to TV Unit	\$1,005.00
CUES	QZ912	Digital recording Station: To include DVR recorder w/ video storage, USB port, 6.4" high resolution monitor With all interface cables	\$2,700.00
CUES	EC928-1	USB Video/Picture Capture to Laptop Laptop NOT Included)	\$892.00
CUES	QC908	Battery Belt	\$227.00
CUES	QC909	Inverter, 300 Watt with Adapter	\$135.00

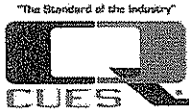


**Portable, Battery Powered Small Diameter Pipe TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	MP2020	Portable Small Diameter Pipe TV Inspection System	\$7,236.00

**Mini Push 2020**

- 1 **Combination Color Mini-Camera Control System/Monitor (85-264 volt AC, 50/60 Hz, or 12 volt DC power source) mounted in an Aluminum Housing to include:**
  - 1 6.4" Color Display Monitor with Anti Glare Screen
  - 1 Control Unit with Connecting Jack for Video In and Video Out
  - 1 Built-in 12volt Battery and Battery Charger
  
- 1 **Mini Inspection Camera, 1.50" Maximum Diameter x 3.5" Maximum Length Color Camera with Lighthead**
  
- 1 **Mini Titler Video Display System with Electronic Footage Meter and Three Modes of Operation, Distance, Edit and Free Format, to include the following:**
  - 1 Built in Keypad for Titling and Setup Functions
  
- 1 **100' of .177 Diameter Fiberglass Rod Push Cable mounted on a Wheeled Coiler Assembly to include:**
  - 1 Electronic Footage Meter



**Portable, Battery Powered Small Diameter Pipe TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	SR300	Add Auto-Upright Module for Mini Camera	\$959.00
CUES	PS315	Add Built-In Sonde for Mini Camera	\$621.00
CUES	SR300-1	Add Built-In Sonde & Auto Upright for Mini Camera	\$1,563.00
CUES	CR010	Add Additional Cable to Wheeled Coiler Base system contains 100' – available in 100' Increments only up to a total of 400'	\$5.65 Per Foot
CUES	CM303-1	High Intensity LCD Monitor Upgrade	\$1,101.00
CUES	CM042	Guide Ball 6-8"	\$233.00
CUES	CM902	12V VCR, Mic, Amp, and Keyboard in Case	\$961.00
CUES	CM903	12V VCR, Mic, Amp, and Keyboard on coiler	\$1,075.00
CUES	CM914	DVR Recorder with Memory Card	\$1,458.00
CUES	CM913	DVR Recorder with Hard Drive	\$1,674.00
CUES	CM908	Stand Alone DVD Recorder in Case	\$1,285.00
CUES	CM059	Folding Keyboard Tray	\$373.00
CUES	CM024	MC Translator, Coiler to Truck System	\$513.00
CUES	EC004	SC Translator, Coiler to Truck System	\$1,955.00
CUES	CM314	Wireless Transmission Kit	\$527.00
CUES	QC913	Wireless Receiver to work with Wireless Transmission Kit	\$576.00
CUES	CM309	12V Adapter (MP2020 to Cigarette Lighter)	\$95.00
PROTOTEK	MS316	Digital Locator Kit for Use with Built-In Sonde	\$1,609.00
PROTOTEK	MS319	Analog Locator Kit for Use with Built-In Sonde	\$760.00
CUES	CM300-2	Coiler No Cable or Monitor	\$5,978.00



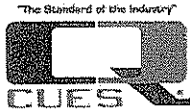


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**Portable, Battery Powered Small Diameter Pipe TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	HC301A	Skate for 6" Mainline Push Inspection	\$845.00
CUES	HC335	Skate for 8" to 15" Mainline Push Inspection	\$983.00
CUES	VR004	Down hole Guide Tube	\$537.00
CUES	TIGER	Down Hole Guide	\$104.00
CUES	Training	TV Inspection Equipment Training (per Day)	\$726.00



**Portable Small Diameter Pipe TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	Pro Scout	Portable Small Diameter Pipe TV Inspection System for Inspection of 2" through 6" Pipe To include: PCU, 200' Coiler, and Mini Camera	\$9,471.00

**Pro Scout**

- 1 **Combination Color Mini-Cam Control System/Monitor (120 volt/ 60 Hz NTSC) mounted in a Metal Cabinet to include:**
  - 1 9" Color Monitor with an Anti Glare Screen
  - 1 Monitor Sun Shield (hood)
  - 1 Set Connecting Jacks for Video In and Video Out
  - 1 Soft Fabric (nylon) Padded Carrying Case with Hand and Shoulder Straps
  
- 1 **Small Diameter Solid State Color Camera (Diameter: 1.5" maximum; Length: 3.5" maximum), NTSC Standard, With Built In Light Ring to include:**
  - 1 Lighting System For 2" to 8" Pipe To Include Lightring With A Minimum Of (12) Solid State White LED's
  - 1 Centering Ball Skid for 4" - 8" Pipe
  
- 1 **Storage Reel with 200 Feet Push Video Cable with a Continuous Contact Maintenance Free Slip Ring Assembly Mounted on a Wheeled Coiler Assembly**



**Portable Small Diameter Pipe TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model D</b>	<b>Description</b>	<b>Price</b>
CUES	SR300	Add Self-Upright Module for Mini Camera	\$959.00
CUES	PS315	Add Built-In Sonde for Mini Camera	\$605.00
CUES	SR300-1	Add Built-In Sonde & Auto Upright for Mini Camera	\$1,563.00
CUES	CR010	Add Additional Cable to Wheeled Coiler Base system contains 200' – available in 50' Increments only up to a total of 400'	\$5.65 Per Foot
CUES	DS300	Wheeled Dolly & 500' Video Cable and Electric Retrieve	\$6,434.00
CUES	EL115	Add Additional Video Cable to Dolly (500')	\$4.20 Per Foot
CUES	SD353	Automatic Levelwind for Dolly	\$1,806.00
CUES	PC300-3	Power Control Unit with Internal ProData Upgrade	\$1,186.00
CUES	PC300-4	Power Control Unit with Pan & Tilt Camera Jack Upgrade	\$238.00
CUES	MT308	Mini-Titler with Distance Counter for Dolly	\$1,653.00
CUES	MT306	Mini Titler with Distance Counter for Coiler	\$1,653.00
CUES	DC300	Mechanical Footagemeter for Dolly	\$784.00
CUES	DC307	Mechanical Footagemeter for Coiler	\$536.00
CUES	DC302	Electronic Footagemeter for Dolly (PCU must have Internal ProData)	\$847.00
CUES	DC308	Electronic Footagemeter for Coiler (PCU must have Internal ProData)	\$847.00
CUES	RDV07	DVD Recorder	\$1,291.00
CUES	HC301A	Skate for 6" Mainline Push Inspection	\$845.00
CUES	HC335	Adjustable Wheeled Pro Skate for 8" to 15" Mainline Push Inspection (Includes Adapter Tube And Lighthouse Breakout)	\$1,364.00



**Portable Small Diameter Pipe TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	HC326	60 Watt Lighthouse for 8" – 15" Mainline Push Inspections	\$883.00
CUES	471100	Downhole Cable Guide (Push System)	\$401.00
CUES	300654	Tiger Tail	\$104.00
CUES	VR004	Gator Tail	\$537.00
CUES	MC902	Retrieval Tool	\$448.00
CUES	PC308	External Light Head Box (For Mainline Applications)	\$1,123.00
CUES	EC330	ProScout Coiler to Mainline TV Cable – Translator Multi-Conductor	\$565.00
CUES	EC004	ProScout Coiler to Mainline TV Cable – Translator Single-Conductor	\$1,410.00
HONDA	560173	1,000 Watt Portable Generator	\$1,180.00
HONDA	560175	3,000 Watt Portable Generator	\$2,019.00
PROTOTEK	MS316	Digital Locator Kit for Use with Built-In Sonde	\$1,609.00
PROTOTEK	MS319	Analog Locator Kit for Use with Built-In Sonde	\$760.00



**Portable Mainline and Small Diameter Pipe TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	Inspector General	Portable Mainline and Small Diameter Pipe TV Inspection System for the Inspection of 6" and Larger Mainline sanitary sewers with optional 3" to 6" Lateral Service Inspection	\$40,000.00

**Inspector General Portable Mainline TV Inspection System**

- 1 Combination Color Mini-Camera Control System/Monitor (120 volt/ 60 Hz NTSC) mounted in a Metal Cabinet to include:**
  - 1 9" Color Monitor with an Anti Glare Screen
  - 1 Set Connecting Jacks for Video In and Video Out
  - 1 Hand Command Controller for P/T and/or Transporter Operation
  - 1 Diagnostic Display
  - 1 Full Length Sun Shield Protective Cover
  - 1 Printer Output Port
  - 1 Auxiliary Monitor Output Port
  - 1 Foot Pedal Control Port (For Transporter)
  
- 1 Data Display System, Installed in the Power Control Unit, to Include:**
  - 1 Pro Data Alpha Numeric Information Display, with Multi Paging and Defect Coding (55 preprogrammed and 70 User definable defect codes minimum)
  - 1 Remote "QWERTY" Keyboard for Data Entry
  
- 1 500' TV Cable Assembly mounted in a Wheeled Dolly to include:**
  - 1 Electric Motor Rewind
  - 1 Hand Crank
  - 1 Automatic Levelwind
  - 1 Electronic Footage Meter
  
- 1 Pan, Tilt, and Zoom Camera System to include:**
  - 1 Solid State Color Sewer TV Camera with a Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard, 4x Light Integration
  - 1 Camera Controller
  - 1 Camera Lighting System
  - 1 Camera Transportation and Storage Case
  
- 1 Self-Propelled Camera Transporter to include:**
  - 1 Transmission Coupling and weighted spacer set for 6"-15" Pipe Sizes with Freewheel and Powered Reverse
  - 1 Spare Parts Kit to include Additional Chain Links and Rubber Cleats



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- 1 DVD Recorder System to include:**
    - 1 Rack Mount for DVD
    - 1 DVD recorder
    - 1 Cable Assembly - DVD to Power Control Unit
    - 1 Audio Recording Microphone
  
  - 1 Equipment Retrieval Tool**
  
  - 1 Top Manhole Roller Guide**
  
  - 1 Tiger Tail**
  
  - 1 Day Training**



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**Portable Mainline and Small Diameter Pipe TV Inspection System  
Optional Equipment**

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	610458	Skid assembly for 8-30"	\$1,264.00
CUES	CP303	Skid Assembly for 6"	\$1,346.00
CUES	610460-1	Skid Assembly for 8-15"	\$939.00
CUES	VR004	Gator Tail in lieu of Tiger Tail in base	\$434.00
CUES	560175	Portable 3000 Watt Honda Gasoline Generator	\$2,019.00



**Portable Mainline and Small Diameter Pipe TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	K-2		\$46,000.00

**Portable Mainline and Small Diameter Pipe  
TV Inspection System for the Inspection of 6"  
and Larger Mainline sanitary sewers**

**K-2 Portable Mainline TV Inspection System**

- 1**    **Combination Color Mini-Camera Control System/Monitor (120 volt/ 60 Hz NTSC) mounted in a transportation vibration proof cabinet to include:**
  - 1        10" Flat Screen Monitor
  - 1        Set Connecting Jacks for Video In and Video Out
  - 1        Power supplies to operate all CUES track and wheeled and transporters
  - 1        Full Length Sun Shield Protective Cover
  - 1        Snap on Hardware for mounting on to K-2 reel
  - 1        ATA rated carrying / transport case
  - 1        Slide out draw to hold keyboard, all ancillary recording devices
  - 1        Mounting Hardware for also mounting unit on desk top in TV Unit
  
- 1**    **Integral Data Display System to include:**
  - 1        Alpha Numeric Information Display, with Multi Paging and DefectCoding
  - 1        Remote "QWERTY" Keyboard for Data Entry
  - 1        On screen footage display
  
- 1**    **Universal Portable Controller to include: Wired for hand portable use**
  - 1        Joystick control for pan and tilt zoom camera to include 360 degree rotate and 330 degree optical pan
  - 1        Joystick control for all steering functions and forward / reverse directions for the transporter
  - 1        Camera lift control for optional electronic camera lift
  - 1        All other controls for camera to include camera iris and focus override, zoom, camera lights, shutter control for light enhancement, camera diagnostics, and auto home
  - 1        Cruise control to set speed of transporter for hands off operation
  - 1        All reel controls to include retrieve, release, and variable speed*
  
- 1**    **Pan, Tilt, and Zoom Camera System to include:**
  - 1        Solid State Color Sewer TV Camera with a Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard, 4x Light Integration
  - 1        Camera Lighting System, built in for 6" Relined through 30" Pipe
  - 1        Camera Transportation and Storage Case
  
- 1**    **Portable Cable Reel to include:**
  - 1        Electric Motor Rewind
  - 1        Automatic Payout feature for video cable





- 1 Automatic Levelwind
- 1 Electronic Footage Meter
- 1 Mounting frame for Power Control Unit
- 1 Mounting Hardware- to receive K-2 power / control unit
  
- 1 **Combination TV Transmission & Tow Cable Assembly to include:**
  - 1 1000' Multi Conductor Kevlar Fiber Armored Cable, .350" Diameter
  - 1 Kevlar Armored Cable Terminal Connector
  - 1 Stainless Steel bullet connection – field repairable – no scotch-cast accepted
  - 1 Cable Strain Relief
  
- 1 **Self-Propelled Camera Transporter to include:**
  - 1 Transmission Coupling and weighted spacer set for 6"- 15" Pipe Sizes with Freewheel and Powered Reverse
  - 1 Spare Parts Kit to include Additional Chain Links and Rubber Cleats
  - 1 Built in 6 Pin Receptacle for direct insertion of the camera
  - 1 Protective Housing for Optical Zoom Camera pan and tilt with locking feature
  - 1 "T" Handle for quick removal / insertion of Optical Zoom pan and tilt camera
  
- 1 **Cable Manhole Guide System to include:**
  - 3 Quick Coupling Extension Poles
  - 1 Tiger Tail
  - 1 Manhole Top Roller Assembly
  
- 1 **Day Training**



**Portable Mainline and Small Diameter Pipe TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	MD325	Collapsible Transport Handle for K-2 Dolly	\$2,895.00
CUES	MD905	Wheels for K-2 Dolly	\$594.00
CUES	MD906-3	K-2 Extended Case for Additional Comp	\$2,444.00
CUES	MD313	Swing Arm Assembly for Truck Mount K-2	\$1,685.00
CUES	MD332	Iggy Dolly w/ level wind in lieu of K-2 Dolly	<\$9,458.00>
CUES	MD186	Keyboard Drawer	\$295.00
CUES	MD134	Recording Device Tray	\$90.00
CUES	EC1465	DVR Recording device for K-2 system	\$1,399.00
CUES	DP648	DVD Recorder for K-2 System	\$1,879.00
CUES	EC1420	DVD/VCR Recorder for K-2 System	\$627.00
CUES	MD179	Folding Sun Shade	\$145.00



**Cargo Van Mounted Mainline TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	Cargo Van	Cargo Van Mounted Mainline TV Inspection System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$118,939.00

**TV GMC/CHEVROLET CARGO VAN, EXTENDED WITH BUBBLE TOP, GAS -EVOLUTION SERIES**

- 1 **TV Cargo Van, GAS with Automatic Transmission, 9500 GVW, V-8, 155" Wheelbase**
  - 1 24" Full Height Bubble Top
  
- 1 **TV Cargo Van Equipment to include:**
  - 2 Amber Electronic Strobe Warning Beacons Roof Mount - with On/Off Switch in Cab
  - 2 Adjustable Floodlights Rear of Vehicle Area Illumination, Mounted Inside of Rear Doors
  - 1 Standard Drivers Seat with Seatbelt and Sunvisor
  - 1 Standard Passenger Seat with Seatbelt and Sunvisor
  - 1 12 Volt Light, Cab Area
  - 1 Back-Up Alarm
  - 1 Cab Air Conditioning
  - 1 AM/FM Radio
  
- 1 **TV Cargo Van Power Package to include:**
  - 1 6000 Watt, 120 Volt, 60 HZ Commercial Grade Generator, Gas Powered with Electric Start
  - 1 Generator Remote Start/Stop Cable Assembly
  - 1 Generator Storage Compartment with a Lockable External Access Door
  - 1 Commercial Power Supply Receptacle, 25' Cord and Plug
  - 1 Electric Supply Center with Circuit Breaker Box, Commercial Power and Generator Power Connectors
  - 1 Automatic Transfer Switch for Shore Power / Generator Power
  
- 1 **TV Cargo Van Control Room Interior to Include:**
  - 1 13,500 Air Conditioner Roof Mount with 5600 BTU Heat Strip
  - 1 Lonseal Lonplate Flooring
  - 1 Kemlite Surface Wall Covering
  - 1 Kemlite Ceiling Covering
  - 1 Bulkhead Wall with "Safety Plus Visual" Viewing Window
  - 1 Control Console with Rack Mount for Electronic Equipment
  - 1 Contoured Desktop Area
  - 1 Controller Housing in Desktop (in Angled, Recessed Housing)
  - 1 110 Volt Fluorescent Light Fixture
  - 1 Electrical Outlet with Dual Receptacles
  - 1 Fire Extinguisher with Bracket, 10 BC Rating
  - 1 Operators Chair, Swivel with Casters
  - 1 12V Courtesy Light



- 1 **TV Cargo Van Equipment Room Interior to Include:**
  - 1 Electrical Outlet with Dual Receptacles
  - 1 Downhole Pole Mounting Bracket Assembly
  - 1 110 Volt Fluorescent Light Fixture
  - 1 Electrical Outlet with Dual Receptacles
  - 1 12V Courtesy Light
  
- 1 **System Engineering Panel, Power Distribution System Rack Mount to include:**
  - 1 Voltage Readout, Power Supply
  - 1 Hertz Readout, Power Supply for 60Hz
  - 1 Generator Hour Readout
  - 1 Remote Generator Start/Stop Control Switch
  
- 1 **Color TV Power Control Unit-Multi Conductor Rack Mount, NTSC Color Standard to include:**
  - 1 TV Camera Remote Optical Focus Control
  - 1 TV Camera Automatic Iris Remote Control
  - 1 TV Camera Lighthouse Intensity Control w/Meter
  - 1 Camera Test Cable
  
- 1 **Data Display System, Rack Mount, to include:**
  - 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding (55 preprogrammed and 200 User definable defect codes minimum)
  - 1 Remote "QWERTY" Keyboard for Data Entry
  
- 1 **17" LCD Flatscreen Color Industrial TV Monitor, NTSC/PAL Color Standards, Built-in Speakers**
  
- 1 **DVD Recorder System to include:**
  - 1 Rack Mount for DVD
  - 1 DVD recorder
  - 1 Cable Assembly - DVD to Power Control Unit
  - 1 Audio Recording Microphone
  
- 1 **Combination TV Transmission & Tow Cable Assembly to include:**
  - 1 1000' Gold-Multi Conductor Kevlar Fiber Armored Cable, .450" Diameter
  - 1 Kevlar Armored Cable Terminal Connector
  - 1 Y Eliminator Cable
  - 1 Stainless Steel bullet connection – field repairable – no scotchcast
  - 1 Cable Strain Relief
  
- 1 **Electric Motor Drive Television Cable Reel to include:**
  - 1 Power Level Wind & Multi-Ratio Manual Transmission
  - 1 Footage Meter with Local Counter and Remote Counter
  - 1 Transmission Control at Viewing Station
  - 1 Local Reel Mount Electrical & Mechanical Control
  - 1 Sealed Continuous Contact Collector Assembly
  - 1 Controller Cable Reel/Power Winch Motor



**1 Pan, Tilt, and Zoom Camera System to include:**

- 1 Solid State Color Sewer TV Camera with a Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard, 4x Light Integration
- 1 Camera Controller
- 1 Camera Lighting System
- 1 Camera Transportation and Storage Case

**1 Self-Propelled Camera Transporter to include:**

- 1 Transmission Coupling and weighted spacer set for 6"- 24" Pipe Sizes with Freewheel and Powered Reverse
- 1 Spare Parts Kit to include Additional Chain Links and Rubber Cleats
- 1 Transporter Controller w/Automatic Safety Off

**1 Cable Manhole Guide System to include:**

- 1 TV Invert Pulley Assembly
- 6 Quick Coupling Extension Poles
- 1 Manhole Adapter Hook
- 1 Manhole Top Roller Assembly
- 1 Equipment Retrieval Tool

**1 TV Inspection Accessories Package to include:**

- 1 TV Maintenance Tool Kit
- 3 Set of Manuals including Operation, Instruction and Maintenance TV
- 1 Manual Spare Parts, TV
- 1 Video Training, TV Systems Operating Procedures
- 1 Video Training, System Trouble Shooting Procedures
- 1 Video Training, TV Cable Repair Procedures

**2 Days On-Site Training**



**Cargo Van Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	CV-Diesel	Diesel Chassis and Generator IN LIEU OF Gasoline chassis and generator in base unit	\$12,516.00
CUES	4WD	Add 4 Wheel Drive to Chassis	\$11,618.00
CUES	TR241	Branch Guard	\$32.00
CUES	W042	Tow Hooks (2)	\$216.00
CUES	TR442	ArrowStick – Traffic Control Light Bar	\$1,231.00
CUES	TR795	Hazard Light Strobe Warning System	\$875.00
CUES	WC445	Drawer Stack under worktop	\$643.00
CUES	CVFloor	¾" Plywood sub floor with Lonseal Lonplate cover In Equipment Room	\$2,030.00
CUES	Storage	2-Drawer Tool Box mounted under TV Reel	\$1,264.00
CUES	EC622	1500Watt Electric Wall Mounted Heater	\$395.00
CUES	TR792	Intercom system for communication between Control Room and Equipment Room	\$247.00
CUES	008855	20 Gallon Washdown System, Retractable hose reel, 25' Water Hose, and Nozzle	\$959.00
CUES	TR342	Rear Foot Pedal Transporter Controller	\$859.00
CUES	TR640	Electronic gear selector for the reel transmission	\$2,847.00
CUES	DP295	Rear 17" Flat Screen LCD Monitor	\$1,771.00



**Sprinter Cargo Van Mounted Mainline TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	SP3500	Sprinter Cargo Van Mounted Mainline TV Inspection System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$135,694.00

**1 Freightliner Sprinter Cargo Van Diesel with 2.7 Liter Turbo Diesel Engine, Automatic Transmission and 12' Loadspace**

- 2 Amber Electronic Strobe Warning Beacons Roof Mounted
- 2 Adjustable Halogen Floodlights Rear of Vehicle Area Illumination
- 1 Standard Drivers Seat with Seatbelt and Sunvisor
- 1 Standard Passenger Seat with Seatbelt and Sunvisor
- 1 12 Volt Light, Cab Area
- 1 Back-Up Alarm
- 1 Cab Air Conditioning
- 1 AM/FM Radio
- 1 Rear Grab Handles
- 1 Engine Fast Idle Control
- 1 Exterior Color: White

**1 TV Van Power Package to include:**

- 1 On-board Electrical Power Source Rated for 3000 Watts of Total Power Output
- 1 Clean True Sine Wave Electrical Power
- 1 Three-stage Charging for Longer Battery Life
- 1 Built-in 30A Transfer Switch to Automatically Transfer Between Inverter Power and Incoming AC Power

**1 System Engineering Panel, Power Distribution System Rack Mount to include:**

- 1 Voltage Readout, Power Supply
- 1 Hertz Readout, Power Supply for 60Hz

**1 Van Control Room Interior to Include:**

- 1 Auxiliary Engine Driven Air Conditioner
- 1 Auxiliary Engine Driver Heater
- 1 Lonseal Lonplate Flooring
- 1 Kemlite Surface Wall Covering
- 1 Kemlite Ceiling Covering
- 1 Bulkhead Wall with "Safety Plus Visual" Viewing Window
- 1 Built In Contoured Desk Top with Ergonomic angled placement of main controllers.
- 1 Rack Mounts for Electronic Equipment mounted below Desk top.
- 1 110 Volt Fluorescent Light Fixture
- 1 Electrical Outlet with Dual Receptacles
- 1 Fire Extinguisher with Bracket, 10 ABC Rating
- 1 Operators Chair, Swivel, with casters



**1 Van Equipment Room Interior to Include:**

- 1 Lonseal Lonplate Floor
- 1 Electrical Outlet with Dual Receptacles
- 1 110 Volt Fluorescent Light Fixture

**1 System Engineering Panel, Power Distribution System Rack Mount to include:**

- 1 Voltage Readout, Power Supply
- 1 Hertz Readout, Power Supply for 60Hz
- 1 Generator Hour Readout
- 1 Remote Generator Start/Stop Control Switch

**1 Color TV Power Control Unit-Multi Conductor Rack Mount, NTSC Color Standard to include:**

- 1 TV Camera Remote Optical Focus Control
- 1 TV Camera Automatic Iris Remote Control
- 1 TV Camera Lighthouse Intensity Control w/Meter
- 1 Camera Test Cable

**1 Data Display System, Rack Mount, to include:**

- 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding (55 preprogrammed and 200 User definable defect codes minimum)
- 1 Remote "QWERTY" Keyboard for Data Entry

**1 17" LCD Flatscreen Color Industrial TV Monitor, NTSC/PAL Color Standards, Built-in Speakers**

**1 DVD Recorder System to include:**

- 1 Rack Mount for DVD
- 1 DVD recorder
- 1 Cable Assembly - DVD to Power Control Unit
- 1 Audio Recording Microphone

**1 Combination TV Transmission & Tow Cable Assembly to include:**

- 1 1000' Gold-Multi Conductor Kevlar Fiber Armored Cable, .450" Diameter
- 1 Kevlar Armored Cable Terminal Connector
- 1 Y Eliminator Cable
- 1 Stainless Steel bullet connection – field repairable – no scotchcast
- 1 Cable Strain Relief

**1 Electric Motor Drive Television Cable Reel to include:**

- 1 Power Level Wind & Multi-Ratio Manual Transmission
- 1 Footage Meter with Local Counter and Remote Counter
- 1 Transmission Control at Viewing Station
- 1 Local Reel Mount Electrical & Mechanical Control
- 1 Sealed Continuous Contact Collector Assembly
- 1 Controller Cable Reel/Power Winch Motor

**1 Pan, Tilt, and Zoom Camera System to include:**

- 1 Solid State Color Sewer TV Camera with a Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard, 4x Light Integration
- 1 Camera Controller





- 1 Camera Lighting System
- 1 Camera Transportation and Storage Case

**1 Self-Propelled Camera Transporter to include:**

- 1 Transmission Coupling and weighted spacer set for 6"- 24" Pipe Sizes with Freewheel and Powered Reverse
- 1 Spare Parts Kit to include Additional Chain Links and Rubber Cleats
- 1 Transporter Controller w/Automatic Safety Off

**1 Cable Manhole Guide System to include:**

- 1 TV Invert Pulley Assembly
- 6 Quick Coupling Extension Poles
- 1 Manhole Adapter Hook
- 1 Manhole Top Roller Assembly
- 1 Equipment Retrieval Tool

**1 TV Inspection Accessories Package to include:**

- 1 TV Maintenance Tool Kit
- 3 Set of Manuals including Operation, Instruction and Maintenance TV
- 1 Manual Spare Parts, TV
- 1 Video Training, TV Systems Operating Procedures
- 1 Video Training, System Trouble Shooting Procedures
- 1 Video Training, TV Cable Repair Procedures

**2 Days On-Site Training**



**Sprinter Cargo Van Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	TR241	Branch Guard	\$32.00
CUES	TR442	ArrowStick – Traffic Control Light Bar	\$1,231.00
CUES	TR795	Hazard Light Strobe Warning System	\$875.00
CUES	WC445	Drawer Stack under worktop	\$643.00
CUES	Storage	2-Drawer Tool Box mounted under TV Reel	\$1,264.00
CUES	TR792	Intercom system for communication between Control Room and Equipment Room	\$247.00
CUES	008855	20 Gallon Washdown System with Sink, Lower/Upper Storage Cabinet, and Retractable hose reel, 25' Water Hose, and Nozzle	\$2,884.00
CUES	TR342	Rear Foot Pedal Transporter Controller	\$859.00
CUES	TR640	Electronic gear selector for the reel transmission	\$2,847.00
CUES	DP295	Rear 17" Flat Screen LCD Monitor	\$1,771.00
CUES	550116	Rear Bumper Crane	\$4,938.00
CUES	TR834	Interior Mounted Electric Crane	\$3,385.00
CUES	FLAC	Floor Mounted AC unit in Control Room	\$2,808.00
CUES	551000	Low Profile 7100 BTU Roof Top AC Unit	\$1,566.00



**Chevy 3500 DRW Cutaway Mounted Mainline TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	CH-DRW	Chevy 3500 DRW Cutaway Mounted Mainline TV Inspection System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$119,374.00
1	TV DRW Hi-Cube Van Gas (12,300 GVWR) with Automatic Transmission and 12' Loadspace		
	1	Pass Through To Control Room	
1	DRW TV Hi-Cube Van Equipment to include:		
	2	Amber Electronic Strobe Warning Beacons – Roof Mount with on/off switch in Cab	
	2	Adjustable Floodlights Rear of Vehicle Area Illumination – Mounted Inside of Rear Doors	
	1	Standard Drivers Seat with Seatbelt and Sunvisor	
	1	Standard Passenger Seat with Seatbelt and Sunvisor	
	1	12 Volt Light, Cab Area	
	1	Back-Up Alarm	
	1	Cab Air Conditioner	
	1	AM/FM Radio	
1	DRW TV Hi-Cube Van Power Package to include:		
	1	120 Volt, 60 HZ, Commercial Grade Generator, Gasoline Powered with Electric Start	
	1	Generator Remote Start/Stop Cable Assembly	
	1	Generator Storage with a Lockable External Access Door	
	1	Commercial Power Supply Receptacle, 25' Cord and Plug	
	1	Electric Supply Center with Circuit Breaker Box, Commercial Power and Generator Power Connectors	
	1	Automatic Power Transfer Switch	
1	DRW TV Hi-Cube Van Control Room Interior to Include:		
	1	13,500 Air Conditioner Roof Mount with 5600 BTU Heat Strip	
	1	Lonseal Lonplate Flooring	
	1	Kemlite Surface Wall Covering	
	1	Kemlite Ceiling Covering	
	1	Bulkhead Wall with Passage Door From Control Room To Equipment Room with "Safety Plus Visual" Viewing Window	
	1	Ergonomic (angled) Placement of Main Controllers in Desktop with Recessed Housing	
	1	Built In Floor Mounted Control Console with Rack Mount for Electronic Equipment	
	1	Desktop/work area	
	2	110 Volt Fluorescent Light Fixture	
	1	Electrical Outlet with Dual Receptacles	
	1	Fire Extinguisher with Bracket, 10 BC Rating	
	1	Operators Chair With Castors	
1	DRW TV Hi-Cube Van Equipment Room Interior to Include:		
	1	Lonseal Lonplate Flooring	
	1	Kemlite Covered Walls and Ceiling	
	1	Insulated Tapered Roof	



- 1 Climate controlled Breaker Box/Electronics Storage Area with Locking Positive Latches
- 1 Electrical Outlet with Dual Receptacles
- 2 110 Volt Fluorescent Light Fixture
  
- 1 **System Engineering Panel, Power Distribution System Rack Mount to include:**
  - 1 Voltage Readout, Power Supply
  - 1 Hertz Readout, Power Supply for 60Hz
  - 1 Generator Hour Readout
  - 1 Remote Generator Start/Stop Control Switch
  
- 1 **Color TV Power Control Unit-Multi Conductor Rack Mount, NTSC Color Standard to include:**
  - 1 TV Camera Remote Optical Focus Control
  - 1 TV Camera Automatic Iris Remote Control
  - 1 TV Camera Lighthouse Intensity Control w/Meter
  - 1 Camera Test Cable
  
- 1 **Data Display System, Rack Mount, to include:**
  - 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding (55 preprogrammed and 200 User definable defect codes minimum)
  - 1 Remote "QWERTY" Keyboard for Data Entry
  
- 1 **17" LCD Flatscreen Color Industrial TV Monitor, NTSC/PAL Color Standards, Built-in Speakers**
  
- 1 **DVD Recorder System to include:**
  - 1 Rack Mount for DVD
  - 1 DVD recorder
  - 1 Cable Assembly - DVD to Power Control Unit
  - 1 Audio Recording Microphone
  
- 1 **Combination TV Transmission & Tow Cable Assembly to include:**
  - 1 1000' Gold-Multi Conductor Kevlar Fiber Armored Cable, .450" Diameter
  - 1 Kevlar Armored Cable Terminal Connector
  - 1 Y Eliminator Cable
  - 1 Stainless Steel bullet connection – field repairable – no scotchcast
  - 1 Cable Strain Relief
  
- 1 **Electric Motor Drive Television Cable Reel to include:**
  - 1 Power Level Wind & Multi-Ratio Manual Transmission
  - 1 Footage Meter with Local Counter and Remote Counter
  - 1 Transmission Control at Viewing Station
  - 1 Local Reel Mount Electrical & Mechanical Control
  - 1 Sealed Continuous Contact Collector Assembly
  - 1 Controller Cable Reel/Power Winch Motor
  
- 1 **Pan, Tilt, and Zoom Camera System to include:**
  - 1 Solid State Color Sewer TV Camera with a Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard, 4x Light Integration
  - 1 Camera Controller
  - 1 Camera Lighting System



1 Camera Transportation and Storage Case

**1 Self-Propelled Camera Transporter to include:**

- 1 Transmission Coupling and weighted spacer set for 6"- 24" Pipe Sizes with Freewheel and Powered Reverse
- 1 Spare Parts Kit to include Additional Chain Links and Rubber Cleats
- 1 Transporter Controller w/Automatic Safety Off

**1 Cable Manhole Guide System to include:**

- 1 TV Invert Pulley Assembly
- 6 Quick Coupling Extension Poles
- 1 Manhole Adapter Hook
- 1 Manhole Top Roller Assembly
- 1 Equipment Retrieval Tool

**1 TV Inspection Accessories Package to include:**

- 1 TV Maintenance Tool Kit
- 3 Set of Manuals including Operation, Instruction and Maintenance TV
- 1 Manual Spare Parts, TV
- 1 Video Training, TV Systems Operating Procedures
- 1 Video Training, System Trouble Shooting Procedures
- 1 Video Training, TV Cable Repair Procedures

**2 Days On-Site Training**



**Chevy 3500 DRW Cutaway Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	3500-DRWD	Chevrolet 3500 Hi-Cube, Diesel with Automatic Transmission, 12,300 GVW, and 12' Loadspace and Diesel Generator IN LIEU OF Chevy 3500 Gas Chassis and gas generator in base unit.	\$16,548.00
CUES	E-350-DRW	Ford E-350 Hi-Cube, Gas with Automatic Transmission, 11,500 GVW, and 14' Loadspace IN LIEU OF Chevy 3500 Gas Chassis in base unit.	\$2,700.00
CUES	E-350-DRWD	Ford E-350 Hi-Cube, Gas with Automatic Transmission, 11,500 GVW, and 14' Loadspace and Diesel Generator IN LIEU OF Chevy 3500 Gas Chassis and gas generator in base unit.	\$13,892.00
CUES	AERO	Aero Cap Wind Deflector	\$3,350.00
CUES	12-TRL	12' Trailer In Lieu Of Chevy 3500	<20,070.00>
CUES	4WD	Add 4 Wheel Drive to Chassis	\$11,618.00
CUES	TR241	Branch Guard	\$32.00
CUES	W042	Tow Hooks (2)	\$216.00
CUES	TR442	ArrowStick - Traffic Control Light Bar	\$1,231.00
CUES	TR795	Hazard Light Strobe Warning System	\$875.00
CUES	TR794	Rear Awning for Protection from Elements	\$1,814.00
CUES	TR792	Intercom system for communication between Control Room and Equipment Room	\$247.00
CUES	WC328	Driver's Side Workbench	\$1,072.00
CUES	TR776	Lockable Sliding Drawer Storage in Rear Kick Plate For Tools and accessories	\$713.00
CUES	TR758	Two (2) Lockable Sliding Drawers in Rear Kick Plate For camera/transporter and down hole pole storage	\$892.00



**Chevy 3500 DRW Cutaway Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	TR774	Side Door with Fold Down Steps (Control Room)	\$907.00
CUES	WC421	Padded Bench Seat with Storage	\$647.00
CUES	WC322	Closet/Cabinet with (1) fixed and (2) adjustable shelves	\$847.00
CUES	WC435	Upper Cabinet Driver side Equipment room	\$541.00
CUES	WC445	Drawer Stack under worktop	\$643.00
CUES	008855	20 Gallon Washdown System with Sink, Lower/Upper Storage Cabinet, and Retractable hose reel, 25' Water Hose, and Nozzle	\$2,884.00
CUES	940608	3 1/2" Heavy Duty Vise Mounted on Worktop	\$140.00
CUES	TR868	7-Drawer Heavy Duty Tool Cabinet	\$1,379.00
CUES	TR867	5- Drawer Tool Cabinet	\$810.00
CUES	TR238	Foul Weather TV Cable Access Door	\$282.00
CUES	EC622	1500Watt Electric Wall Mounted Heater	\$395.00
CUES	TR342	Rear Foot Pedal Transporter Controller	\$859.00
CUES	TR640	Electronic gear selector for the reel transmission	\$2,847.00
CUES	DP295	Rear 17" Flat Screen LCD Monitor	\$1,771.00
CUES	550116	Rear Bumper Crane	\$4,938.00
CUES	TR834	Interior Mounted Electric Crane	\$3,385.00



**Ford E-450 DRW Cutaway Mounted Mainline TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	E-450-DRW	Ford E-450 DRW Cutaway Mounted Mainline TV Inspection System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$129,490.00

**E-450 TV HI-CUBE 16' GAS - EVOLUTION SERIES**

**1 E-450 TV Hi-Cube Van, Gas with Automatic Transmission, 14,050 GVW, and 16' Loadspace**

**1 E-450 TV Hi-Cube Van Equipment to include:**

- 2 Amber Electronic Strobe Warning Beacons – Roof Mount with on/off switch in Cab
- 2 Adjustable Floodlights Rear of Vehicle Area Illumination – Mounted Inside of Rear Doors
- 1 Standard Drivers Seat with Seatbelt and Sunvisor
- 1 Standard Passenger Seat with Seatbelt and Sunvisor
- 1 12 Volt Light, Cab Area
- 1 Back-Up Alarm
- 1 Cab Air Conditioner
- 1 AM/FM Radio

**1 E-450 TV Hi-Cube Van Power Package to include:**

- 1 120 Volt, 60 HZ, Commercial Grade Generator, Gasoline Powered with Electric Start
- 1 Generator Remote Start/Stop Cable Assembly
- 1 Generator Storage with a Lockable External Access Door
- 1 Commercial Power Supply Receptacle, 25' Cord and Plug
- 1 Electric Supply Center with Circuit Breaker Box, Commercial Power and Generator Power Connectors
- 1 Automatic Power Transfer Switch

**1 E-450 TV Hi-Cube Van Control Room Interior to Include:**

- 1 13,500 Air Conditioner Roof Mount with 5600 BTU Heat Strip
- 1 Lonseal Lonplate Flooring
- 1 Kemlite Surface Wall Covering
- 1 Kemlite Ceiling Covering
- 1 Bulkhead Wall with Passage Door From Control Room To Equipment Room with "Safety Plus Visual" Viewing Window
- 1 Ergonomic (angled) Placement of Main Controllers in Desktop with Recessed Housing
- 1 Built In Floor Mounted Control Console with Rack Mount for Electronic Equipment
- 1 Desktop/work area
- 1 110 Volt Fluorescent Light Fixture
- 1 Electrical Outlet with Dual Receptacles
- 1 Fire Extinguisher with Bracket, 10 BC Rating
- 1 Operators Chair With Castors





- 1 **E-450 TV Hi-Cube Van Equipment Room Interior to Include:**
  - 1 Lonseal Lonplate Flooring
  - 1 Kemlite Covered Walls and Ceiling
  - 1 Insulated Tapered Roof
  - 1 Climate controlled Breaker Box/Electronics Storage Area with Locking Positive Latches
  - 1 Electrical Outlet with Dual Receptacles
  - 1 110 Volt Fluorescent Light Fixture
  - 1 Worktop covered with Lonseal Lonplate over TV Reel
  
- 1 **System Engineering Panel, Power Distribution System Rack Mount to include:**
  - 1 Voltage Readout, Power Supply
  - 1 Hertz Readout, Power Supply for 60Hz
  - 1 Generator Hour Readout
  - 1 Remote Generator Start/Stop Control Switch
  
- 1 **Color TV Power Control Unit-Multi Conductor Rack Mount, NTSC Color Standard to include:**
  - 1 TV Camera Remote Optical Focus Control
  - 1 TV Camera Automatic Iris Remote Control
  - 1 TV Camera Lighthouse Intensity Control w/Meter
  - 1 Camera Test Cable
  
- 1 **Data Display System, Rack Mount, to include:**
  - 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding (55 preprogrammed and 200 User definable defect codes minimum)
  - 1 Remote "QWERTY" Keyboard for Data Entry
  
- 1 **17" LCD Flatscreen Color Industrial TV Monitor, NTSC/PAL Color Standards, Built-in Speakers**
  
- 1 **DVD Recorder System to include:**
  - 1 Rack Mount for DVD
  - 1 DVD recorder
  - 1 Cable Assembly - DVD to Power Control Unit
  - 1 Audio Recording Microphone
  
- 1 **Combination TV Transmission & Tow Cable Assembly to include:**
  - 1 1000' Gold-Multi Conductor Kevlar Fiber Armored Cable, .450" Diameter
  - 1 Kevlar Armored Cable Terminal Connector
  - 1 Y Eliminator Cable
  - 1 Stainless Steel bullet connection – field repairable – no scotchcast
  - 1 Cable Strain Relief
  
- 1 **Electric Motor Drive Television Cable Reel to include:**
  - 1 Power Level Wind & Multi-Ratio Manual Transmission
  - 1 Footage Meter with Local Counter and Remote Counter
  - 1 Transmission Control at Viewing Station
  - 1 Local Reel Mount Electrical & Mechanical Control
  - 1 Sealed Continuous Contact Collector Assembly
  - 1 Controller Cable Reel/Power Winch Motor



**1 Pan, Tilt, and Zoom Camera System to include:**

- 1 Solid State Color Sewer TV Camera with a Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard, 4x Light Integration
- 1 Camera Controller
- 1 Camera Lighting System
- 1 Camera Transportation and Storage Case

**1 Self-Propelled Camera Transporter to include:**

- 1 Transmission Coupling and weighted spacer set for 6"- 24" Pipe Sizes with Freewheel and Powered Reverse
- 1 Spare Parts Kit to include Additional Chain Links and Rubber Cleats
- 1 Transporter Controller w/Automatic Safety Off

**1 Cable Manhole Guide System to include:**

- 1 TV Invert Pulley Assembly
- 6 Quick Coupling Extension Poles
- 1 Manhole Adapter Hook
- 1 Manhole Top Roller Assembly
- 1 Equipment Retrieval Tool

**1 TV Inspection Accessories Package to include:**

- 1 TV Maintenance Tool Kit
- 3 Set of Manuals including Operation, Instruction and Maintenance TV
- 1 Manual Spare Parts, TV
- 1 Video Training, TV Systems Operating Procedures
- 1 Video Training, System Trouble Shooting Procedures
- 1 Video Training, TV Cable Repair Procedures

**2 Days On-Site Training**



**Ford E-450 DRW Cutaway Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	E-450-Diesel	Diesel Chassis and Generator IN LIEU OF Gasoline chassis and generator in base unit	\$16,469.00
CUES	F-450-Gas	Ford F-450 Gasoline Cab-Chassis, 16,000 GVW, with Automatic Transmission, 16' Loadspace IN LIEU OF Gasoline CUTAWAY chassis in base unit	<\$1,176.00>
CUES	F-450-Diesel	Ford F-450 Diesel Cab-Chassis and Generator 16,000 GVW, with Automatic Transmission, 16' Loadspace IN LIEU OF Gasoline CUTAWAY chassis And Generator in base unit	\$7,963.00
CUES	F-550 Gas	Ford F-550 Gasoline Cab-Chassis, 19,000 GVW, with Automatic Transmission, 16' Loadspace IN LIEU OF Gasoline CUTAWAY chassis in base unit	\$500.00
CUES	F-550 Diesel	Ford F-550 Diesel Cab-Chassis and Generator 19,000 GVW, with Automatic Transmission, 16' Loadspace IN LIEU OF Gasoline CUTAWAY chassis And Generator in base unit	\$10,979.00
CUES	F-650 Gas	Ford F-650 Gasoline Cab-Chassis, 21,000 GVW, with Automatic Transmission, 16' Loadspace IN LIEU OF Gasoline CUTAWAY chassis in base unit	\$16,773.00
CUES	F-650 Diesel	Ford F-650 Diesel Cab-Chassis and Generator 21,000 GVW, with Automatic Transmission, 16' Loadspace IN LIEU OF Gasoline CUTAWAY chassis And Generator in base unit	\$32,310.00
CUES	AERO	Aero Cap Wind Deflector	\$3,350.00
CUES	14TRL	14' Trailer In Lieu Of E-450 DRW	<\$30,560.00>
CUES	16TRL	16' Trailer In Lieu Of E-450 DRW	<\$27,036.00>
CUES	4WD	Add 4 Wheel Drive to Chassis (Available On all models EXCEPT DIESEL Chevy 3500	\$11,618.00
CUES	TR241	Branch Guard	\$32.00



**Ford E-450 DRW Cutaway Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	W042	Tow Hooks (2)	\$216.00
CUES	TR442	ArrowStick – Traffic Control Light Bar	\$1,231.00
CUES	TR795	Hazard Light Strobe Warning System	\$875.00
CUES	TR794	Rear Awning for Protection from Elements	\$1,814.00
CUES	TR792	Intercom system for communication between Control Room and Equipment Room	\$247.00
CUES	WC328	Driver's Side Workbench	\$1,072.00
CUES	TR776	Lockable Sliding Drawer Storage in Rear Kick Plate For Tools and accessories	\$713.00
CUES	TR758	Two (2) Lockable Sliding Drawers in Rear Kick Plate for camera/transporter and down hole pole storage	\$892.00
CUES	TR774	Side Door with Fold Down Steps (Control Room)	\$907.00
CUES	WC421	Padded Bench Seat with Storage	\$647.00
CUES	WC322	Closet/Cabinet with (1) fixed and (2) adjustable shelves	\$847.00
CUES	WC435	Upper Cabinet Driver side Equipment room	\$541.00
CUES	WC445	Drawer Stack under worktop	\$643.00
CUES	008855	20 Gallon Washdown System with Sink, Lower/Upper Storage Cabinet, and Retractable hose reel, 25' Water Hose, and Nozzle	\$2,884.00
CUES	940608	3 ½" Heavy Duty Vise Mounted on Worktop	\$140.00
CUES	TR868	5-Drawer Tool Cabinet	\$810.00
CUES	TR868	7-Drawer Heavy Duty Tool Cabinet	\$1,379.00
CUES	TR238	Foul Weather TV Cable Access Door	\$282.00
CUES	EC622	1500Watt Electric Wall Mounted Heater	\$395.00
CUES	TR342	Rear Foot Pedal Transporter Controller	\$859.00

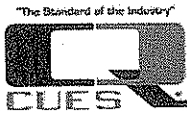


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**Ford E-450 DRW Cutaway Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	TR640	Electronic gear selector for the reel transmission	\$2,847.00
CUES	DP295	Rear 17" Flat Screen LCD Monitor	\$1,771.00
CUES	550116	Rear Bumper Crane	\$4,938.00
CUES	TR834	Interior Mounted Electric Crane	\$3,385.00



**Chevy 4500 DRW Cutaway Mounted Mainline TV Inspection System  
Base Unit**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	C4500-DRW	C4500 DRW Cutaway Mounted Mainline TV Inspection System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$131,508.00

**C4500 TV HI-CUBE 16' GAS - EVOLUTION SERIES**

- 1 C4500 TV Hi-Cube Van, Gas with Automatic Transmission, 17,500 GVW, and 16' Loadspace
- 1 C4500 TV Hi-Cube Van Equipment to include:
  - 2 Amber Electronic Strobe Warning Beacons – Roof Mount with on/off switch in Cab
  - 2 Adjustable Floodlights Rear of Vehicle Area Illumination – Mounted Inside of Rear Doors
  - 1 Standard Drivers Seat with Seatbelt and Sunvisor
  - 1 Standard Passenger Seat with Seatbelt and Sunvisor
  - 1 12 Volt Light, Cab Area
  - 1 Back-Up Alarm
  - 1 Cab Air Conditioner
  - 1 AM/FM Radio
- 1 C4500 TV Hi-Cube Van Power Package to include:
  - 1 120 Volt, 60 HZ, Commercial Grade Generator, Gasoline Powered with Electric Start
  - 1 Generator Remote Start/Stop Cable Assembly
  - 1 Generator Storage with a Lockable External Access Door
  - 1 Commercial Power Supply Receptacle, 25' Cord and Plug
  - 1 Electric Supply Center with Circuit Breaker Box, Commercial Power and Generator Power Connectors
  - 1 Automatic Power Transfer Switch
- 1 C4500 TV Hi-Cube Van Control Room Interior to Include:
  - 1 13,500 Air Conditioner Roof Mount with 5600 BTU Heat Strip
  - 1 Lonseal Lonplate Flooring
  - 1 Kemlite Surface Wall Covering
  - 1 Kemlite Ceiling Covering
  - 1 Bulkhead Wall with Passage Door From Control Room To Equipment Room with "Safety Plus Visual" Viewing Window
  - 1 Ergonomic (angled) Placement of Main Controllers in Desktop with Recessed Housing
  - 1 Built In Floor Mounted Control Console with Rack Mount for Electronic Equipment
  - 1 Desktop/work area
  - 1 110 Volt Fluorescent Light Fixture
  - 1 Electrical Outlet with Dual Receptacles
  - 1 Fire Extinguisher with Bracket, 10 BC Rating
  - 1 Operators Chair With Castors
- 1 C4500 TV Hi-Cube Van Equipment Room Interior to Include:
  - 1 Lonseal Lonplate Flooring
  - 1 Kemlite Covered Walls and Ceiling



- 1 Insulated Tapered Roof
- 1 Climate controlled Breaker Box/Electronics Storage Area with Locking Positive Latches
- 1 Electrical Outlet with Dual Receptacles
- 1 110 Volt Fluorescent Light Fixture
- 1 Worktop covered with Lonseal Lonplate over TV Reel
  
- 1 **System Engineering Panel, Power Distribution System Rack Mount to include:**
  - 1 Voltage Readout, Power Supply
  - 1 Hertz Readout, Power Supply for 60Hz
  - 1 Generator Hour Readout
  - 1 Remote Generator Start/Stop Control Switch
  
- 1 **Color TV Power Control Unit-Multi Conductor Rack Mount, NTSC Color Standard to include:**
  - 1 TV Camera Remote Optical Focus Control
  - 1 TV Camera Automatic Iris Remote Control
  - 1 TV Camera Lighthouse Intensity Control w/Meter
  - 1 Camera Test Cable
  
- 1 **Data Display System, Rack Mount, to include:**
  - 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding (55 preprogrammed and 200 User definable defect codes minimum)
  - 1 Remote "QWERTY" Keyboard for Data Entry
  
- 1 **17" LCD Flatscreen Color Industrial TV Monitor, NTSC/PAL Color Standards, Built-in Speakers**
  
- 1 **DVD Recorder System to include:**
  - 1 Rack Mount for DVD
  - 1 DVD recorder
  - 1 Cable Assembly - DVD to Power Control Unit
  - 1 Audio Recording Microphone
  
- 1 **Combination TV Transmission & Tow Cable Assembly to include:**
  - 1 1000' Gold-Multi Conductor Kevlar Fiber Armored Cable, .450" Diameter
  - 1 Kevlar Armored Cable Terminal Connector
  - 1 Y Eliminator Cable
  - 1 Stainless Steel bullet connection – field repairable – no scotchcast
  - 1 Cable Strain Relief
  
- 1 **Electric Motor Drive Television Cable Reel to include:**
  - 1 Power Level Wind & Multi-Ratio Manual Transmission
  - 1 Footage Meter with Local Counter and Remote Counter
  - 1 Transmission Control at Viewing Station
  - 1 Local Reel Mount Electrical & Mechanical Control
  - 1 Sealed Continuous Contact Collector Assembly
  - 1 Controller Cable Reel/Power Winch Motor
  
- 1 **Pan, Tilt, and Zoom Camera System to include:**
  - 1 Solid State Color Sewer TV Camera with a Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard, 4x Light Integration



- 1 Camera Controller
- 1 Camera Lighting System
- 1 Camera Transportation and Storage Case

**1 Self-Propelled Camera Transporter to include:**

- 1 Transmission Coupling and weighted spacer set for 6"- 24" Pipe Sizes with Freewheel and Powered Reverse
- 1 Spare Parts Kit to include Additional Chain Links and Rubber Cleats
- 1 Transporter Controller w/Automatic Safety Off

**1 Cable Manhole Guide System to include:**

- 1 TV Invert Pulley Assembly
- 6 Quick Coupling Extension Poles
- 1 Manhole Adapter Hook
- 1 Manhole Top Roller Assembly
- 1 Equipment Retrieval Tool

**1 TV Inspection Accessories Package to include:**

- 1 TV Maintenance Tool Kit
- 3 Set of Manuals including Operation, Instruction and Maintenance TV
- 1 Manual Spare Parts, TV
- 1 Video Training, TV Systems Operating Procedures
- 1 Video Training, System Trouble Shooting Procedures
- 1 Video Training, TV Cable Repair Procedures

**2 Days On-Site Training**





**Chevy 4500 DRW Cutaway Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	C4500-Diesel	Diesel Chassis and Generator IN LIEU OF Gasoline chassis and generator in base unit	\$19,368.00
CUES	C5500-Gas	Chevy CC5500 Gas with Automatic Transmission, 19,500 GVW, and 16' Loadspace IN LIEU OF CC4500 Gas Chassis in base unit	\$2,493.00
CUES	C5500-Diesel	Chevy CC5500 Diesel Chassis and Diesel Generator IN LIEU OF Gasoline chassis and generator in base unit	\$21,754.00
CUES	4WD	Add 4 Wheel Drive to Chassis	\$11,618.00
CUES	TR241	Branch Guard	\$32.00
CUES	W042	Tow Hooks (2)	\$216.00
CUES	TR442	ArrowStick – Traffic Control Light Bar	\$1,231.00
CUES	TR795	Hazard Light Strobe Warning System	\$875.00
CUES	TR794	Rear Awning for Protection from Elements	\$1,814.00
CUES	TR792	Intercom system for communication between Control Room and Equipment Room	\$247.00
CUES	WC328	Driver's Side Workbench	\$1,072.00
CUES	TR776	Lockable Sliding Drawer Storage in Rear  Kick Plate For Tools and accessories	\$713.00
CUES	TR758	Two (2) Lockable Sliding Drawers in Rear Kick Plate for camera/transporter and down hole pole storage	\$892.00
CUES	TR774	Side Door with Fold Down Steps (Control Room)	\$907.00
CUES	WC421	Padded Bench Seat with Storage	\$647.00
CUES	WC322	Closet/Cabinet with (1) fixed and (2) adjustable shelves	\$847.00
CUES	WC435	Upper Cabinet Driver side Equipment room	\$541.00



**Chevy 4500 DRW Cutaway Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	WC445	Drawer Stack under worktop	\$643.00
CUES	008855	20 Gallon Washdown System with Sink, Lower/Upper Storage Cabinet, and Retractable hose reel, 25' Water Hose, and Nozzle	\$2,884.00
CUES	940608	3 1/2" Heavy Duty Vise Mounted on Worktop	\$140.00
CUES	TR868	7-Drawer Heavy Duty Tool Cabinet	\$1,379.00
CUES	TR868	5-Drawer Tool Cabinet	\$810.00
CUES	TR238	Foul Weather TV Cable Access Door	\$282.00
CUES	EC622	1500Watt Electric Wall Mounted Heater	\$395.00
CUES	TR342	Rear Foot Pedal Transporter Controller	\$859.00
CUES	TR640	Electronic gear selector for the reel transmission	\$2,847.00
CUES	DP295	Rear 17" Flat Screen LCD Monitor	\$1,771.00
CUES	550116	Rear Bumper Crane	\$4,938.00
CUES	TR834	Interior Mounted Electric Crane	\$3,385.00



**Diesel Step Van Mounted Mainline TV Inspection System**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	SV	Step Van Mounted Mainline TV Inspection System for the inspection of 6" and larger Sanitary Sewers and Storm Drains	\$152,322.00

**TV STEP VAN 16' Diesel - EVOLUTION SERIES**

- 1 TV Step Van, Diesel with Automatic Transmission and 16' Loadspace
  - 1 Blackout Curtain

**1 TV Step Van Equipment to include:**

- 2 Amber Electronic Strobe Warning Beacons Roof Mount
- 2 Adjustable Floodlights Rear of Vehicle Area Illumination
- 1 Standard Drivers Seat with Seatbelt and Sunvisor
- 1 Standard Passenger Seat with Seatbelt and Sunvisor
- 1 12 Volt Light, Cab Area
- 1 Back-Up Alarm
- 1 Cab Air Conditioner
- 1 AM/FM Radio

**1 TV Step Van Power Package to include:**

- 1 7500 Watt, 120 Volt, 60 Hz Commercial Grade 'Quiet' Generator, Diesel Powered with Electric Start
- 1 Generator Remote Start/Stop Cable Assembly
- 1 Generator Storage Compartment with a Lockable External Access Door
- 1 Commercial Power Supply Receptacle, 25' Cord and Plug
- 1 Electric Supply Center with Circuit Breaker Box, Commercial Power and Generator Power Connectors
- 1 Automatic Power Transfer Switch

**1 TV Step Van Control Room Interior to Include:**

- 1 13,500 Air Conditioner Roof Mount with 5600 BTU Heat Strip
- 1 Lonseal Lonplate flooring
- 1 Kemlite Surface Wall and Ceiling Covering
- 1 Bulkhead Wall with Passage Door From Control Room To Equipment Room
- 1 "Safety Plus Visual" viewing window located in bulkhead wall
- 1 Control Console with Rack Mount for Electronic Equipment
- 1 Contoured desk top area
- 1 Controller housing in desk top (in angled, recessed housing)
- 1 110 Volt Indirect Fluorescent Light Fixtures
- 1 Electrical Outlet with Dual Receptacles
- 1 Fire Extinguisher with Bracket, 10 BC Rating
- 1 Operators Chair, swivel with casters

**1 TV Step Van Equipment Room Interior to Include:**

- 1 Interlocking Smooth Aluminum Floor with Non-skid Strips
- 1 Smooth Aluminum Walls
- 1 Embossed Aluminum Ceiling



- 1 Electrical Outlet with Dual Receptacles
- 1 Downhole Pole Mounting Bracket Assembly
- 1 110 Volt Indirect Fluorescent Light Fixtures
  
- 1 System Engineering Panel, Power Distribution System Rack Mount to include:**
  - 1 Voltage Readout, Power Supply
  - 1 Hertz Readout, Power Supply for 60Hz
  - 1 Generator Hour Readout
  - 1 Remote Generator Start/Stop Control Switch
  
- 1 Color TV Power Control Unit-Multi Conductor Rack Mount, NTSC Color Standard to include:**
  - 1 TV Camera Remote Optical Focus Control
  - 1 TV Camera Automatic Iris Remote Control
  - 1 TV Camera Lighthouse Intensity Control w/Meter
  - 1 Camera Test Cable
  
- 1 Data Display System, Rack Mount, to include:**
  - 1 Alpha Numeric Information Display, with Multi Paging and Defect Coding (55 preprogrammed and 200 User definable defect codes minimum)
  - 1 Remote "QWERTY" Keyboard for Data Entry
  
- 1 17" LCD Flatscreen Color Industrial TV Monitor, NTSC/PAL Color Standards, Built-in Speakers**
  
- 1 DVD Recorder System to include:**
  - 1 Rack Mount for DVD
  - 1 DVD recorder
  - 1 Cable Assembly - DVD to Power Control Unit
  - 1 Audio Recording Microphone
  
- 1 Combination TV Transmission & Tow Cable Assembly to include:**
  - 1 1000' Gold-Multi Conductor Kevlar Fiber Armored Cable, .450" Diameter
  - 1 Kevlar Armored Cable Terminal Connector
  - 1 Y Eliminator Cable
  - 1 Stainless Steel bullet connection – field repairable – no scotchcast
  - 1 Cable Strain Relief
  
- 1 Electric Motor Drive Television Cable Reel to include:**
  - 1 Power Level Wind & Multi-Ratio Manual Transmission
  - 1 Footage Meter with Local Counter and Remote Counter
  - 1 Transmission Control at Viewing Station
  - 1 Local Reel Mount Electrical & Mechanical Control
  - 1 Sealed Continuous Contact Collector Assembly
  - 1 Controller Cable Reel/Power Winch Motor
  
- 1 Pan, Tilt, and Zoom Camera System to include:**
  - 1 Solid State Color Sewer TV Camera with a Pan & Rotate Camera Head, 40:1 Zoom Ratio, 10x Optical Zoom, 4x Digital Zoom, NTSC Color Standard, 4x Light Integration
  - 1 Camera Controller
  - 1 Camera Lighting System



- 1 Camera Transportation and Storage Case
  
- 1 **Self-Propelled Camera Transporter to include:**
  - 1 Transmission Coupling and weighted spacer set for 6"- 24" Pipe Sizes with Freewheel and Powered Reverse
  - 1 Spare Parts Kit to include Additional Chain Links and Rubber Cleats
  - 1 Transporter Controller w/Automatic Safety Off
  
- 1 **Cable Manhole Guide System to include:**
  - 1 TV Invert Pulley Assembly
  - 6 Quick Coupling Extension Poles
  - 1 Manhole Adapter Hook
  - 1 Manhole Top Roller Assembly
  - 1 Equipment Retrieval Tool
  
- 1 **TV Inspection Accessories Package to include:**
  - 1 TV Maintenance Tool Kit
  - 3 Set of Manuals including Operation, Instruction and Maintenance TV
  - 1 Manual Spare Parts, TV
  - 1 Video Training, TV Systems Operating Procedures
  - 1 Video Training, System Trouble Shooting Procedures
  - 1 Video Training, TV Cable Repair Procedures
  
- 2 **Days On-Site Training**



**Diesel Step Van Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	SV	Step Van Gasoline chassis and generator in lieu of Diesel chassis and generator in base	<\$17,557.00>
CUES	TR241	Branch Guard	\$32.00
CUES	W042	Tow Hooks (2)	\$216.00
CUES	TR442	ArrowStick – Traffic Control Light Bar	\$1,231.00
CUES	TR795	Hazard Light Strobe Warning System	\$875.00
CUES	TR794	Rear Awning for Protection from Elements	\$1,814.00
CUES	TR792	Intercom system for communication between Control Room and Equipment Room	\$247.00
CUES	WC328	Driver's Side Workbench	\$1,072.00
CUES	TR776	Lockable Sliding Drawer Storage in Rear Kick Plate For Tools and accessories	\$713.00
CUES	TR758	Two (2) Lockable Sliding Drawers in Rear Kick Plate for camera/transporter and down hole pole storage	\$892.00
CUES	BWSV	Bulkhead Wall between Cab and Viewing Room With Access Door IN LIEU OF Black Out Curtain	\$1,693.00
CUES	SVLSEAL	Lonseal Lonplate Flooring in Equipment Room	\$1,728.00
CUES	WC421	Padded Bench Seat with Storage	\$647.00
CUES	WC322	Closet/Cabinet with (1) fixed and (2) adjustable shelves	\$847.00
CUES	WC435	Upper Cabinet Driver side Equipment room	\$541.00
CUES	WC445	Drawer Stack under worktop	\$643.00
CUES	008855	20 Gallon Washdown System with Sink, Lower/Upper Storage Cabinet, and Retractable hose reel, 25' Water Hose, and Nozzle	\$2,884.00
CUES	940608	3 ½" Heavy Duty Vise Mounted on Worktop	\$140.00
CUES	TR868	7-Drawer Heavy Duty Tool Cabinet	\$1,379.00



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**Diesel Step Van Mounted Mainline TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	TR868	5-Drawer Tool Cabinet	\$810.00
CUES	TR238	Foul Weather TV Cable Access Door	\$282.00
CUES	EC622	1500Watt Electric Wall Mounted Heater	\$395.00
CUES	TR342	Rear Foot Pedal Transporter Controller	\$859.00
CUES	TR640	Electronic gear selector for the reel transmission	\$2,847.00
CUES	DP295	Rear 17" Flat Screen LCD Monitor	\$1,771.00
CUES	550116	Rear Bumper Crane	\$4,938.00
CUES	TR834	Interior Mounted Electric Crane	\$3,385.00



**Truck Mounted Systems Optional  
Transporters & Accessories**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	MC218	US21 Trac Transporter Extenders for 18" to 24" Mainline Inspection	\$859.00
CUES	MC350	Spare Ultra Shorty 21 Trac Transporter for 6-15" Mainline Inspection	\$7,603.00
CUES	TX918	USIII Trac Transporter Extenders for 18" -24" Mainline Inspection	\$945.00
CUES	TX918B	Trac Transporter Brass Extenders for 18" to 24" Mainline Inspection	\$1,939.00
CUES	TX350	USIII track Transporter 6-15"	\$10,692.00
CUES	TX351	WTR Wheeled non steerable Transporter 6-15"	\$14,472.00
CUES	TX351	Wheeled Transporter. non steerable 6-15" in Lieu of USIII track transporter	\$4,450.00
CUES	TX351	Wheeled Transporter. Non steerable, 6-15" pipe in Lieu of US 21 Ultra Shorty	\$7,236.00
CUES	TX350	USIII track Transporter 6-15" in lieu of US21 Ultra Shorty	\$3,456.00
CUES	WT350	Pipe Ranger Wheeled Transporter for 8" – 15" Mainline Inspection (IN ADDITION TO Ultra Shorty 21 Trac Transporter in Base Unit)	\$14,656.00
CUES	WT350	Pipe Ranger Wheeled Transporter for 8" – 15" Mainline Inspection (IN LIEU OF Ultra Shorty 21 Trac Transporter in Base Unit)	\$7,053.00
CUES	WT350	Pipe Ranger Wheeled Transporter for 8" – 15" Mainline Inspection (IN ADDITION TO USIII Ultra Shorty Trac Transporter in Base Unit)	\$14,656.00
CUES	WT350	Pipe Ranger Wheeled Transporter for 8" – 15" Mainline Inspection (IN LIEU OF USIII Ultra Shorty Trac Transporter in Base Unit)	\$3,237.00
CUES	WT350	Spare Pipe Ranger Wheeled Transporter for 8" – 15" Mainline Inspection	\$14,656.00





**Optional Transporters & Accessories**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	WM350	Compact Steerable Pipe Ranger Wheeled Transporter for 6" to 30" Mainline Inspection (IN ADDITION TO USIII Ultra Shorty Trac Transporter in Base Unit)	\$21,300.00
CUES	WM350	Compact Steerable Pipe Ranger Wheeled For 6" to 30" Mainline Inspection (IN LIEU OF USIII Ultra Shorty Trac Transporter in Base Unit)	\$15,616.00
CUES	WM350	Compact Steerable Pipe Ranger Wheeled Transporter for 6" to 30" Mainline Inspection (IN ADDITION TO US21 Ultra Shorty Trac Transporter in Base Unit)	\$24,300.00
CUES	WM350	Compact Steerable Pipe Ranger Wheeled For 6" to 30" Mainline Inspection (IN LIEU OF US21 Ultra Shorty Trac Transporter in Base Unit)	\$18,705.00
CUES	WS350	Steerable Pipe Ranger Wheeled Transporter for For 8" to 15" Mainline Inspection (IN ADDITION TO Ultra Shorty 21 Trac Transporter in Base Unit)	\$21,525.00
CUES	WS350	Steerable Pipe Ranger Wheeled Transporter for For 8" to 15" Mainline Inspection (IN LIEU OF Ultra Shorty 21 Trac Transporter in Base Unit)	\$16,953.00
CUES	WS350-1	Single Conductor Steerable Pipe Ranger for use With Single Conductor System (IN ADDITION To Ultra Shorty 21 Trac Transporter in Base Unit)	\$24,597.00
CUES	WS350-1	Single Conductor Steerable Pipe Ranger for use With Single Conductor System (IN LIEU OF Ultra Shorty 21 Trac Transporter in Base Unit)	\$17,318.00
CUES	TM600	Steerable Large Diameter Pipe Self-Propelled Transporter for Inspection of Pipes Ranging from 24" to 200" (IN ADDITION TO Ultra Shorty 21 Trac Transporter in Base Unit)	\$33,742.00
CUES	TM600	Steerable Large Diameter Pipe Self-Propelled Transporter for Inspection of Pipes Ranging from 24" to 200" (IN LIEU OF Ultra Shorty 21 Trac Transporter in Base Unit)	\$26,139.00



**Optional Transporters & Accessories**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	TM600-1	Single Conductor Steerable Transporter for use With Single Conductor System for Inspection of Pipes Ranging from 24" to 200" (IN ADDITION TO Ultra Shorty 21 Trac Transporter in Base Unit)	\$35,406.00
CUES	TM600-1	Single Conductor Steerable Transporter for use With Single Conductor System for Inspection of Pipes Ranging from 24" to 200" (IN LIEU OF Ultra Shorty 21 Trac Transporter in Base Unit)	\$28,126.00
CUES	MZ902	Adapter Tube for OZIII Pan Tilt Zoom Camera For use in Large Transporters	\$2,371.00
CUES	WT310	Mechanical Lift for Use with Pipe Ranger	\$2,038.00
CUES	WS308	Electric Lift for Use with non steerable Pipe Ranger	\$9,034.00
CUES	WS308	Electric Lift for use with Steerable Pipe Ranger	\$6,489.00
CUES	WM320	Mechanical Lift to center camera in 18"-24" pipe for CPR	\$3,232.00
CUES	WM320-1	Electric Lift for use with Compact Pipe Ranger	\$6,489.00
CUES	TX351-1	Track kit/ for non steerable wheeled Transporter	\$3,391.00
CUES	WT313	PR & SPR Transporter Tires for 18" to 48" Mainline Inspection	\$1,069.00
CUES	WT040	Wheel Kit for PR & SPR Wheeled Transporter 7" Pipe Application	\$975.00
CUES	WT914	Steel Wheel Kit for PR & SPR Wheeled Transporter 8" PVC Application	\$931.00
CUES	WT913	Steel Wheel Kit for PR & SPR Wheeled Transporter 10" to 15" PVC Application	\$1,014.00
CUES	WT314	PR & SPR Chevron Tire Kit for Wheeled Transporter Large Pipe Configuration	\$948.00



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**Optional Transporters & Accessories**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	WT917	PR & SPR Pneumatic Tires for Wheeled Transporter	\$1,183.00
CUES	WM307	Steel Wheels to inspect 6" Pipe for CPR Wheeled Transporter	\$1,339.00
CUES	WM308-1	Steel Wheels to inspect 8" Pipe for CPR & WTR Wheeled Transporter	\$1,426.00
CUES	WM310-1	Steel Wheels to inspect 10"-15" Pipe for CPR & WTR Wheeled Transporter	\$1,539.00
CUES	WM312	Pneumatic Rubber Tires to inspect 12"+ Pipe for CPR & WTR Wheeled Transporter	\$1,377.00



**TV Inspection System  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	Hybrid	Freightliner Hybrid chassis only in lieu of IN LIEU OF W42 Diesel chassis only in base unit NOTE: Aero Cap Conversion and Four Wheel Drive is NOT Available for this Chassis Note: Freightliner box priced separately	\$50,412.00
CUES	IN4300-Diesel	International 4300 Diesel with Automatic Transmission, 23,500GVW, 16' Loadspace and Diesel Generator IN LIEU OF Gasoline chassis and generator in base unit NOTE: AeroCap Conversion and Four Wheel Drive is NOT Available for this Chassis	\$25,824.00
CUES	MT45	Freightliner 18' Diesel chassis only Note: Freightliner box priced separately In lieu of Gasoline chassis and generator in base unit NOTE: AeroCap Conversion and Four Wheel Drive is NOT Available for this Chassis	\$24,366.00
CUES	CNG	Freightliner CNG Fuel in lieu of Diesel MT45 Freightliner Chassis Note: Freightliner box priced separately	\$11,605.00
CUES	Box	16' Freightliner Box	\$22,000.00
CUES	Box	18' Freightliner Box	\$26,000.00
CUES	CNG-G	6.5 LP Generator in lieu of Gas Generator in Base	\$9,900.00
CUES	560661	6.3 Propane Generator	\$5,958.00
CUES	TR707	7 KW Gas Generator	\$6,624.00
CUES	TR706	10 KW Diesel Generator	\$14,572.00
CUES	TR705	12 KW Diesel Generator	\$15,796.00
CUES	TR508	18 KW Diesel Generator	\$15,239.00
CUES	PTO	Power Take Off	\$19,400.00
CUES	Bumper	Extended Bumper with grading	\$705.00
CUES	RAMP	Bumper Long Ramp for truck	\$2,000.00



CUES	DP624	VCR/DVD in Lieu of DVD Recorder	\$300.00
CUES	CZ300NZ	Nite Lite Pan & Tilt Camera IN LIEU OF Pan Tilt Zoom Camera in base	<\$2,700.00>
CUES	CZ303-1	LED Lighthead for OZII and Nite Lite Camera (IN LIEU OF Halogen Lighthead)	\$383.00

TV Inspection System  
Optional Equipment

Manufacturer	Model	Description	Price
CUES	CZ303	LED Lighthead for OZII and Nite Lite Camera (IN ADDITION TO Halogen Lighthead)	\$4,335.00
CUES	MC321	Stand Alone Transporter Controller	\$1,352.00
CUES	CZ321	Stand Alone Camera Controller	\$2,168.00
CUES	EL115	Add Additional Video Cable to Dolly Up to 1,000' (100' Increments)	\$4.20 Per Foot
CUES	WM305	Add Additional Platinum Cable to Dolly Up to 1,200' (100' Increments)	\$6.01 Per Foot
CUES	APRL	Auto Pay out System for TV Cable Reel	\$3,132.00
CUES	CZ300	Spare OZII Camera	\$21,228.00
CUES	MZ300	Spare OZIII Camera	\$21,228.00
CUES	CZ300L	Inclinometer Upgrade to detect and display pipeline gradient Pan & Tilt Camera	\$4,515.00
CUES	CZ300S	Built in Sonde 512MZ Transmitter	\$2,430.00
CUES	GP301	Wireless GPS Mapping Stick	\$6,545.00
CUES	GROUT	Low-Viscosity Sealing System to include: 500' Quad Hose, Quad Hose Reel, Chemical tanks, Transfer Pump, Test and Seal Control Panel, 75 Gallon Washdown System, 4.0 CFM Air Compressor with 30 Gallon Air Tank, Invert Seal Roller, and Grout Accessory Package	\$42,220.00
CUES	SS420	Penta Hose Upgrade for Sealing System	\$5,192.00
CUES	HI-VIS	Upgrade to High Viscosity Sealing System	\$5,950.00



CUES	Door	Grout Hose Access Door	\$340.00
CUES	SS705	Logiball Ready Upgrade for Sealing System Includes vacuum pump and required cabling and Connections. (Penta Hose Upgrade Required)	\$7,533.00

TV Inspection System  
Optional Equipment

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	9000LP	Lateral Reinstatement System to Include: 500' Air Hose , Air Hose Reel, Kangaroo Cutter for 6" to 12" Pipe	\$41,086.00
CUES	Level	Level wind for Cutter Reel	\$2709.00
CUES	9001LP	Spare Kangaroo Cutter for 6" to 10" Pipe	\$20,315.00
CUES	KC041	Spare Parts Kit for Kangaroo Cutter	\$2,584.00
CUES	Hose	Spare 500' Air hose for Cutter Reel	\$2,246.00
CUES	GK9000	Giant Kangaroo Cutter for 12" to 24" Pipe	\$25,958.00
CUES	GK349	Cutter Controller	\$5,079.00
CUES	LAMP	Lateral and Mainline which enables the operator to perform a one pass inspection of the mainline and adjacent laterals with the forward pan & tilt camera and lateral inspection camera launched from the mainline Includes lateral footage	\$51,919.00
CUES	LAMP II	Lateral and Mainline Launch System, Wheeled With front Pan and Tilt Zoom Camera System To Simultaneously inspect 6-15" mainline and Adjacent lateral services	\$81,000.00
CUES	LT603	Spare 80' Push Cable for LAMP System	\$1,926.00
CUES	SR300	Add Auto-Upright Module for Mini Camera	\$959.00
CUES	PS315	Add Built-In Sonde for Mini Camera	\$621.00
CUES	SR300-1	Add Built-In Sonde & Auto Upright for Mini Camera	\$1,563.00



CUES	LP900	Camera Mounted Laser Profiler and Measurement System for 6" – 15" Pipe	\$20,325.00
CUES	LP900-A	Skid Mount Laser Profiler and Measurement 8" to 30" Pipe	\$25,127.00
CUES	LP900-1	Laser Profile Tractor Mount DOT for 12" to 48" Pipe TV Inspection System Optional Equipment	\$38,556.00

Manufacturer	Model	Description	Price
CUES	LP900-2	Add 48" to 72" Capability to DOT 12" to 48"	\$13,555.00
CUES	LP900-3	Add 6" to 15" Capability to DOT 12" to 48"	\$9,978.00
CUES	MS190	Video Micrometer	\$2,052.00
CUES	CZ303-1	Laser Diodes for OZII Camera for use with Laser Profiler and Measurement system	\$5,292.00
CUES	SF115	Sonar System, Multi-Conductor, for Submerged & Semi-Submerged 6" to 24" Pipelines	\$49,319.00
CUES	SF300	Sonar Float	\$5,616.00
CUES	TR555-1	Substitute Single Conductor System with 2000' of Single Conductor Cable IN LIEU OF Multi-Conductor System offered in base.	\$9,162.00
CUES	SF115	Sonar System, Multi-Conductor, for Submerged & Semi-Submerged 6" to 24" Pipelines	\$49,319.00
CUES	TZ900	IMX truck-mounted pan, tilt, and zoom camera system shall be designed for use in pipes 6" in diameter and up with the ability to illuminate and inspect manholes and large diameter pipes at distances up to 300'.	\$64,701.00
CUES	TZ302	IMX Camera Assembly Only	\$23,796.00
CUES	MD311-1	Permanent Truck mount K-2 PCU & Prodata with Standard Truck mounted TV Cable Reel	\$5,275.00
CUES	MD330	Truck mount K-2 PCU & Prodata with K-2 Lightweight Reel w/ 1000' Cable	\$20,506.00



CUES	MD311	Portable Truck mount K-2 PCU & Prodata Mounting Station	\$1009.00
CUES	MD906-1	Truck mount Portable K-2 Case	\$2750.00
CUES	MD603	Logi Wireless Controller for K-2	\$486.00
CUES	MD300	Wireless Universal Portable Controller	\$1,784.00

**TV Inspection System  
Optional Equipment**

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	EQCAB	Oversized Cabinet for Cutter, Transporter, and Cameras	\$3,240.00
CUES	EQ BMP	Step Bumper with Equipment Storage Cabinets	\$1,836.00
CUES	TR1045	Back up Camera with Monitor in Cab	\$1,750.00
CUES	REAR	Rear Viewing Camera for Transporter	\$4,860.00
CUES	TR644	Rear Controller	\$691.00
CUES	491129	Reel Panel	\$113.00
CUES	RL023	Slip Ring Assembly	\$1,161.00
CUES	TR457	Flood Lights	\$80.00 ea
CUES	TR010	Main Wiring Harness	\$535.00
CUES	RP124	Metal Cable End Repair Kit	\$475.00
CUES	555555	Stand Alone Air Compressor with Tank	\$2,480.00
CUES	TR507	Sullair Air Compressor	\$12,500.00
CUES	RL372	1000' Power Cord Reel mounted under Truck with enclosure	\$7,020.00
CUES	LT900B	Pre wire for Lamp System	\$2,700.00
CUES	DOHOL	Down hole Equipment	\$1,287.00
CUES	FACS015	Additional Training (Per Day)	\$726.00





**Retro fit of Customer Vehicle  
Optional Equipment**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	GR RETRO	Low-Viscosity Sealing System Retro in customer's existing Truck to include: 500' Quad Hose, Quad Hose Reel, Chemical tanks, Transfer Pump, Test and Seal Control Panel, 75 Gallon Washdown System, 4.0 CFM Air Compressor with 30 Gallon Air Tank, Invert Seal Roller, and Grout Accessory Package	\$47,299.00
CUES	SS705-1	Add Logiball Ready Upgrade to Customer Existing Truck Includes vacuum pump and required cabling and Connections. (Penta Hose Upgrade Required)	\$8,070.00
CUES	MD311	Portable Truck mount K-2 PCU & Prodata Mounting Station	\$1,009.00
CUES	APRL-R	Add Auto Payout System to Customer TV Reel	\$5,292.00
CUES	LONCON	Add Lonseal to Control Room	\$2,030.00
CUES	LONEQ	Add Lonseal to Equipment Room	\$1,520.00
CUES	KEMCON	Add Kemlite to Control Room	\$1,828.00
CUES	KEMEQ	Add Kemlite to Equipment Room	\$1,428.00
CUES	DIAM	Add Diamond Plate to Work top	\$1,500.00
CUES	EQCAB	Oversized Cabinet for Cutter, Transporter, and Cameras	\$3,240.00
CUES	EVOH	Components Mounted Above Viewing Window	\$1,320.00
CUES	WC435	Upper Storage Cabinet	\$957.00
CUES	WC420	Closet	\$1109.00



CUES	WC425	Base Cabinet Control room	\$826.00
CUES	WC437	Electronic Cabinet	\$1,588.00
CUES	WC438	Bulkhead Storage Shelves Equipment room EVOII	1,717.00
CUES	WC426	Bulkhead Wall	\$2827.00

**Retro fit of Customer Vehicle  
Optional Equipment**

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	WC427	Bulkhead Door	\$725.00
CUES	EQ BMP	Step Bumper with Equipment Storage Cabinets	\$1,836.00
CUES	491000	Blank Panels for Retro	\$48.00 ea
CUES	491129	Reel Panel	\$113.00
CUES	RL001	Retro TV Cable Reel	\$2,115.00
CUES	TR010	Main Wiring Harness	\$535.00
CUES	RP124	Metal Cable End Repair Kit	\$475.00
CUES	DOHOL	Down hole Equipment	\$1,287.00
CUES	OUTLET	Add Additional Outlets to Unit	\$35.00ea
CUES	LIGHT	Add Additional Lighting to Unit	\$55.00ea
CUES	FACQC	Test and Evaluate Customer Truck before And After Retro	\$2,500.00
CUES	LABOR	Labor for Retro	\$786.00 per Day
CUES	FACS015	Additional Training (Per Day)	\$726.00



**Granite XP Data System  
And Optional Modules**

<b>Manufacturer</b>	<b>Model</b>	<b>Description</b>	<b>Price</b>
CUES	GX300	Rack Mount Computer, Monitor, Printer Keyboard and Mouse for Granite XP	\$4,900.00
CUES	GX350	Granite XP Pipeline Data Collection & Real Time Video Capture System. GXP allows for the storage of video clips in MPEG compression files. Allows for the storage of up to 50 minutes of high resolution video per CD, 3.5 hours on DVD	\$20,412.00
CUES	GX502	Granite XP Inspection Software Only	\$15,400.00
CUES	GX545	Scoring Module Inspection Edition Note: This module is for the Truck Inspection Edition Version 3.0 or higher only	\$3,275.00
CUES	GX534	Automatic Scheduler Module Note: Customer must have Granite Version 3.0 or higher	\$660.00
CUES	GX524	GPS Software for Mapping Stick	\$3,245.00
CUES	GX505	Granite XP Inclinometer Module to accurately capture and graph the slope of the pipe and evaluate pipe conditions	\$2,189.00
CUES	GX506	Structure, Manhole, and Nodes Module for GXP to capture, inspection, and observation details, which are all linked to the structure node or manhole	\$3,245.00
CUES	GX507	Lateral Assets Module for GXP to capture Inspection data, observation details, video, and Pictures, which are all linked to the lateral structure	\$3,245.00
CUES	GX508	Grout and Seal Module (G&S) for GXP The G&S module shall record pressure tests	\$3,245.00



Graphically and record the amount of material used

CUES	GX511	Hansen Formula-Based Sewer Module For GXP. A certified bi-directional interface to all Hansen v7x	\$8,250.00
CUES	GX526	Hansen Formula-Based Storm Module For GXP. A certified bi-directional interface to all Hansen v7x	\$8,250.00

Granite XP Data System  
And Optional Modules

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	GX966	Hansen Formula-Based Sewer & Storm Module For GXP. A certified bi-directional interface to all Hansen v7x	\$10,945.00
CUES	GX525	ESRI v9 GIS Plug In Module with two days advanced training for GXP	\$13,992.00
CUES	WEBEX	Two Days Advanced WEBEX Training	\$3,300.00
CUES	GX527	ArcGis Runtime Engine (only)	\$990.00
CUES	GX513	WinCan Export Module for GXP to allow data To be collected and exported to WinCan v7	\$3,630.00
CUES	GX515	PACP Export Module (NAASCO certified) For GXP	\$2,695.00
CUES	GX514	Azteca Cityworks Module for GXP – a bi-directional interface to Azteca Cityworks	\$4,950.00
CUES	GX516	WRc Export Module for GXP	\$2,695.00
CUES	GX350-2	Granite XP Video Capture System With Laptop Computer IN LIEU OF Rack Mount Computer	\$19,764.00
CUES	GX541	Granite XP Engineering Edition for Office Allows users to modify inspections and observations gathered in the field, to review Existing Data, synchronize inspections, capture images from playback, and generate reports	\$764.00
CUES	GX540	Granite XP Enterprise Edition for Office Encompasses Engineering Edition with additional data management capabilities to include the creation of customized inspection analysis and the capability to run on Enterprise databases	\$9,350.00



CUES	GX546	Sonar Software Module	\$14,850.00
CUES	GX539	Scoring Module GXP software Note: Customer must have Enterprise Edition And upgrade to Granite version 3.0 or higher	\$11,000.00
CUES	GX544	Additional Viewer Software	\$55.00

**Granite XP Data System  
And Optional Modules**

<u>Manufacturer</u>	<u>Model</u>	<u>Description</u>	<u>Price</u>
CUES	GX521	Web Meeting/Evaluation from Cues Software Department	\$275.00 per hour
CUES	GX522	One (1) Year Basic Support Plan for GXP	\$945.00
CUES	GX520	One (1) Year Enhanced Support Plan for GXP	\$1,556.00
CUES	GX537	Upgrade for Granite Version 3.0 or Higher	\$4,551.00
CUES	GXTRAIN	Advanced Granite XP Training (per day)	\$1,620.00