

IRIS MAINLINE CAMERA

COMPACT & PORTABLE MAINLINE CRAWLER

PRODUCT OVERVIEW

An "All-In-One" Pan & Tilt mainline sewer inspection crawler that is compact and portable. Built with a 10" LCD touchscreen on front of the reel for ease-of-use and installed with a Windows 7 operating system. A user friendly motorized power rewind/ feed assist cable drum which holds 600 feet of premium Kevlar mini-coax cable. Pan & Tilt camera on the motorized crawler allowing 360 degree rotation by 180 degree pan, ideal for most common pipe inspection size range from 6" to 12" diameter (up to 18 inch with additional wheel set).



MOTORIZED REEL CABLE DRUM

- Motorized Reel rewind and payout
- Variable speed 110 volt video cable retrieve and payout
- Automatic freewheel drum clutch
- Standard 600' Kevlar strength mini-coaxial cable
- Tangential measuring wheel system
- Quadrature encoder, 100 pulses per foot
- Footage accurate to +/- 1% of reading
- Direct driven level wind system linked to drum movement
- Reel weight is 160 lbs.
- Reel dimensions is 29"H x 20"W x 21"D
- Reel is splash resistant with cover
- Reel power 110 volts (Approx. - 800 watts) 240V optional
- Auxiliary video input and output ports for external video devices
- User accessible USB 2.0 and 3.0 ports
- Multi-Monitor Windows operation enabled



MOTORIZED CRAWLER

- Six-wheeled crawler with all-wheel drive
- Three available wheel sets for various pipe size ranges
- Pipe diameter 6" to 12" (Up to 18" with additional wheel set)
- High grip polymer rubber tires for demanding conditions and terrain
- Heavy-Duty Planetary gear transmission with Rare Earth Motor
- Leak/pressure test valve/port
- Hardened helical final drive gears
- Easy/rapid wheel change with single retaining nut per wheel
- Weight of transporter is 35 lbs.
- Transporter dimensions is 19"L x 3.5"H x 5"W
- Built with (9) Bright LED lateral lights
- Control the light brightness on the crawler
- Digital hand controller with "Auto-home" Button
- Tractor operates via digital hand controller



PAN & TILT CAMERA

- Camera Pan & Tilt is 360 degree rotation by 180 degree pan
- Fixed focus at 6" up to 18" pipeline
- Camera head height adjustable for various size pipes
- Impact resistant and replaceable polycarbonate dome
- Video system is NTSC
- Resolution is 640 x 480 pixels
- Bright 4 front LED's provides pipe illumination
- Imager sensitivity is 1 Lux



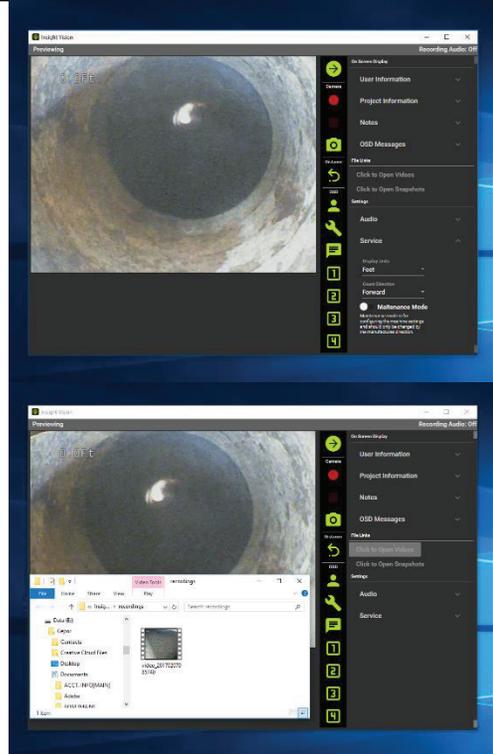
OPERATING PLATFORM

- Windows 7 x 64 Professional
- Intel i5 Processor
- Powerful Windows Apps
- Wireless Network Enabled
- 500GB Solid State Drive
- External recordings to USB and SD
- Support External HDMI Port
- Screen is 10" color High Resolution LCD touchscreen
- Interface includes Wireless Remote Access Wi-Fi



IRIS SYSTEM APP

- Display distance counter – Top left (Fixed)
- Audio recording over video via USB Microphone or headset
- On-screen distance counter display in feet or meters
- Digital on-screen Text with digital keyboard
- Works on Windows 7, 8 and 10 Operating System
- OSD means On Screen Display
- OSD Displays for 15 sec
- Option to Pause and continue recording
- Settings are Auto-save until new changes are made
- Playback recorded videos on Windows Media Player
- MP4 format can be played back on most media player
- Automatic file storage to Snapshots and Picture folder
- Easy 'One-Touch' recording from the touch-screen
- Take pictures in JPG format
- Record to MP4 video format
- Third-party PACP software can be integrated with the system
- User-friendly system control interface
- Displays video file sizes while recording
- Option to turn On/Off audio recording
- Option to add up to 4 messages
- Simple "Clear All" button for new data entry



NEW MOBILE PHONE APP

- Stream Wireless Video (No Internet Needed)
- Android & ISO devices capable (Free Download)
- View, record, playback and snapshots
- Upload to Internal Device, Email, or YouTube
- Display wireless video connection up to 100ft.
- Snapshots in JPEG/ PNG



INCLUDED WITH THE SYSTEM

						
15V POWER CORD	PENDANT	SUNSHADE	6 X MIDI WHEELS	6 X SMALL WHEELS	LCD COVER	RAIN COVER

ADDITIONAL ADD-ONS

PART #

512hz Sonde Add-on	106013
Pneumatic Air Tire Assembly (4) + Hub (up to 18" pipe)	208100
Replacement tire tread – 6" ea.	509004
Replacement tire tread – 8" ea.	509005