Pipeline Video Inspection System
Camera

VeriSight Pro’s self-leveling camera captures crisp color footage from pipes 2” in diameter and larger. LED lamps deliver variable-intensity, shadowless illumination adjustable to 12,500 lux (at 6”). The camera’s stainless construction withstands harsh conditions, and its unique spring facilitates navigation through bends and P traps. The signal from its tri-band sonde can be picked up by most any locator.

You can also export observation data seamlessly to WinCan software (sold separately) and benefit from:

- database capabilities
- PACP and LACP compliance
- GIS integration
- advanced technology modules
- enhanced reporting
- support for network installation and enterprise databases (Oracle, SQL)
- links to municipal apps (ArcGIS, Cartegraph, CityWorks, GBA, Hansen, Maximo)

VeriSight Pro is the only push camera available with optional data entry and reporting capabilities. With these options, you can enter standards-compliant observations using onboard defect catalogs, and then generate reports to USB media and save them to USB media. Imagine—your client gets a deliverable before you leave the job site!

VeriSight Pro has everything you need to inspect pipes, document your findings, and generate reports for on-site delivery. It captures metadata footage under challenging conditions, and its advanced interface offers robust tools including data entry and reporting options—and has USB and SD media bays for easy offload of data, video, images and reports.

VeriSight Pro’s self-leveling head keeps video upright, so you can maintain your orientation. Offloading video, images and data is as simple as plugging in a USB stick or SD/SDHC card. VeriSight Pro’s interface displays real-time footage on an 8” LCD, records up to 90 hours of video to internal memory, and offers the option to enter observation data for upload directly to WinCan. With its customizable interface, you can customize video, export still images, enter up to 16 pages of缺陷, browse your photo gallery, and select among several available languages. Housed in rugged ABS plastic, it has an IP54 rating, the controller runs off AC power, and an internal rechargeable 6-hr battery.

Reel

Durable steel construction with a protective powder coat finish makes VeriSight Pro’s reel stands up to the punishment of bodywork. Its sealed slip ring ensures reliable operation, underwater measurements from the integral distance counter appear onscreen. The VeriSight Pro reel is available in three sizes:

- 130’ (40m)
- 200’ (60m)
- 330’ (100m)

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Capture Footage. Grab MPEG video and JPEG images, and zoom up to 3X on video.

Enter Observations. Use optional data-entry module to log inspection findings.

Review Footage. Organize videos and images in folders, then find them using the thumbnail gallery. Review media using standard controls.

Generate Reports. Use optional reporting module to generate an inspection report, then transfer it to USB media for on-site delivery.

Offload Data. Copy video, images and data to USB or SDHC media for easy transfer to PC and seamless integration with WinCan’s reporting and querying capabilities.

Write Screen Text. Type and store up to 16 pages of onscreen text. Customize text color, position and background color.

Control Hardware. Set sonde frequency, adjust illumination, and zero/offset footage.

Configure Preferences. Set language and date/time; establish file formats and naming conventions; adjust camera parameters; choose interface theme and power-saving scheme; update firmware.
**System**

- **video format**: Selectable NTSC or PAL
- **battery**: 6-hour lithium-ion charging
- **mains power**: (100-240 Vac) or vehicle power (12 Vac) using supplied adapters

**Controller**

- **display**: 8” TFT LCD (800×600 pixels)
- **keyboard**: Full QWERTY membrane keyboard with function keys and navigation pad
- **video recording**: MPEG4 (WinCan compatible)
- **image capture**: JPEG (live or from recorded video)
- **text overlay**: 16-page (selectable text/background colors)
- **internal memory**: 16 GB (expandable to 128 GB)
- **external media**: SDHC and USB 2.0
- **language support**: English, Spanish, French
- **connections**: Power, reel
- **environmental rating**: IP54
- **weight**: 6.6 lb (3kg)
- **size**: 17.1” × 9.8” × 5.5” (435 × 250 × 140 mm)

**Camera**

- **imager**: 1/4” color CCD with DSP
- **effective pixels**: 512×582
- **resolution**: 470 HTVL
- **sensitivity**: <1.0 lux
- **aperture / field of view**: F2.5 / 75 deg
- **image orientation**: Auto-leveling
- **size**: 1.61” (41 mm) dia.
- **illumination system**: 4 LED
- **illumination intensity**: Adjustable (up to 12.5K lux at 6”)
- **construction**: Stainless steel
- **pipe compatibility**: 2” (50 mm) and up
- **sonde**: 33 kHz, 512 Hz, 640 Hz (selectable)

**Reel**

- **construction**: Welded steel
- **finish**: Powder coat
- **distance counter units**: Feet, meters
- **controls**: Reel brake, reel lock
- **130’ (40 m) reel**
  - **weight / height**: 33 lb. (15 kg) / 24.4” (620 mm)
- **200’ (60 m) reel with wheels**
  - **weight / height**: 44 lb. (20 kg) / 35.0” (890 mm)
- **230’ (70 m) reel with wheels**
  - **weight / height**: 66 lb. (30 kg) / 37.8” (960 mm)

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